

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003284.D
 Acq On : 22 Jul 2020 13:33
 Operator : SY/MD
 Sample : L3344-02RE
 Misc : 9.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-S2

Quant Time: Jul 23 05:42:30 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

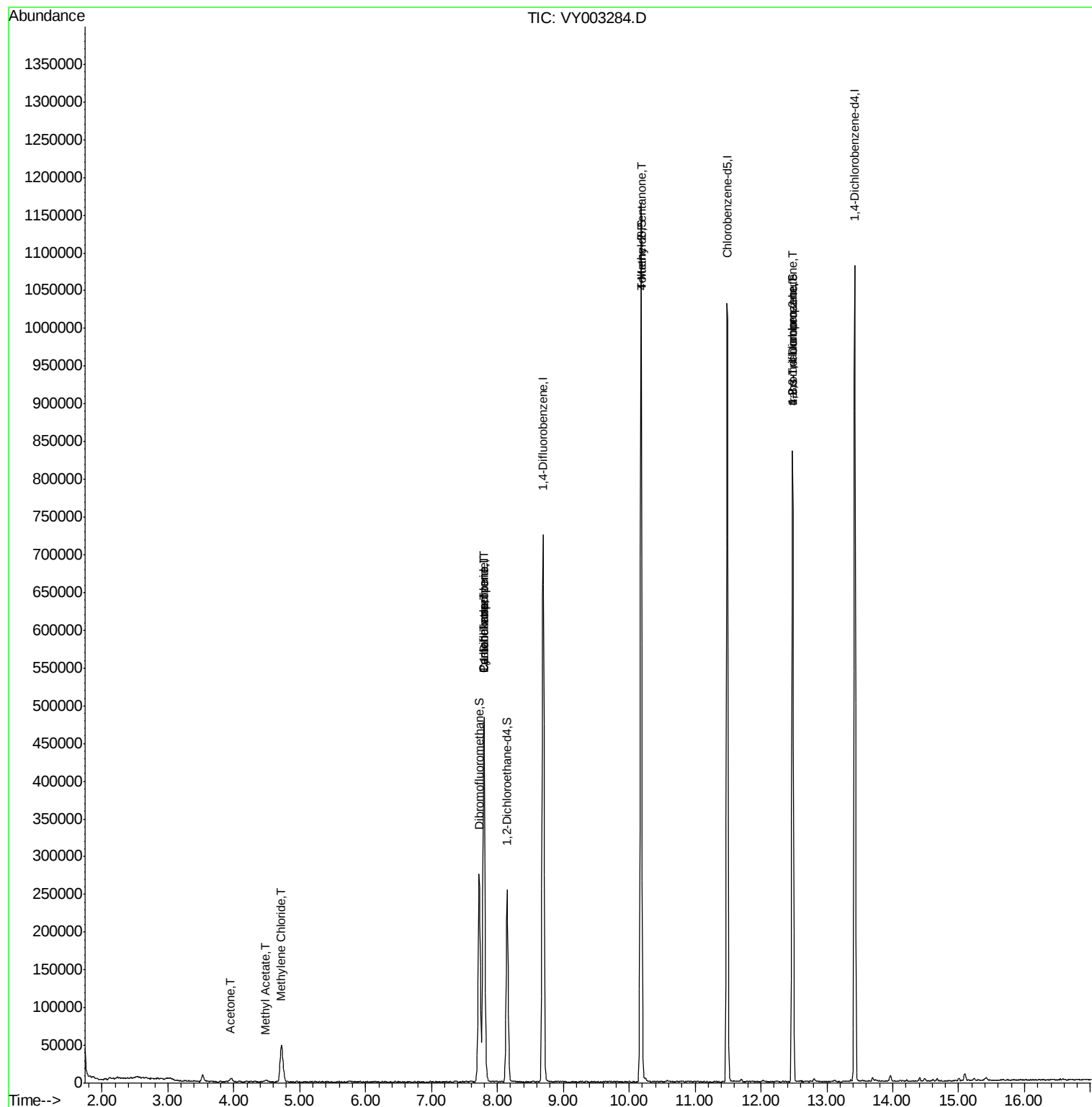
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	398413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	628044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	571814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	283128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	196756	58.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.02%	
35) Dibromofluoromethane	7.72	113	189850	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
50) Toluene-d8	10.18	98	756238	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
62) 4-Bromofluorobenzene	12.48	95	241538	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	8325	11.083	ug/l #	81
18) Methyl Acetate	4.48	43	4437	2.127	ug/l	98
20) Methylene Chloride	4.72	84	37789	5.060	ug/l	94
31) Cyclohexane	7.80	56	7167	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27741	4.874	ug/l #	49
38) Carbon Tetrachloride	7.80	117	34605	5.889	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3266	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	121405	48.442	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	121405	94.278	ug/l #	13

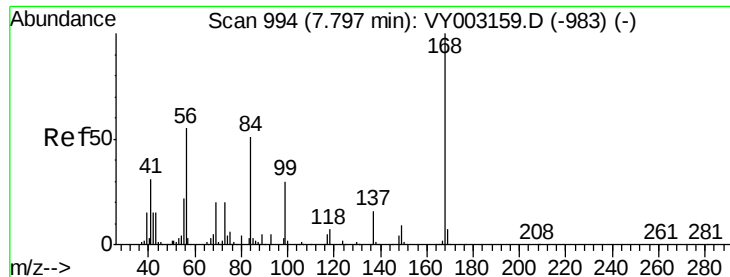
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003284.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

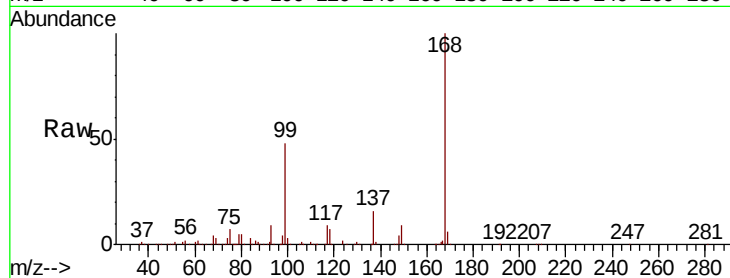
TP-15-S2

Tot Ion:168 Resp: 398413

Ion Ratio Lower Upper

168 100

99 48.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003284.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003284.D (-945) (-)

7.80

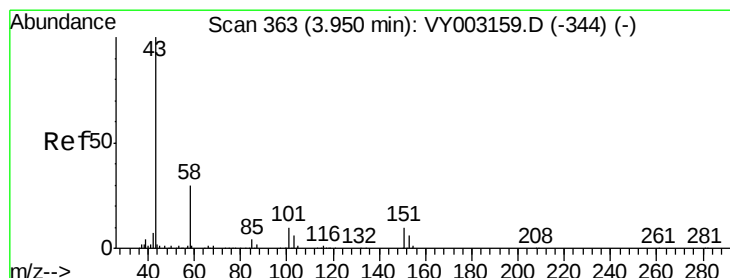
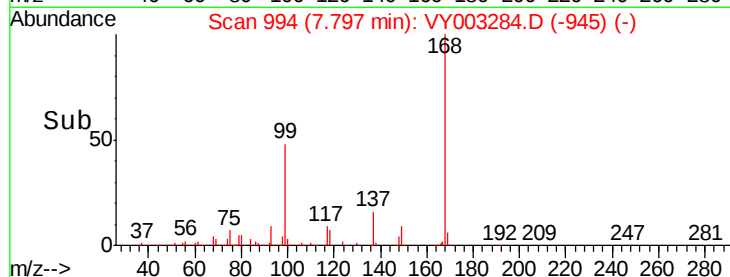
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.083 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003284.D

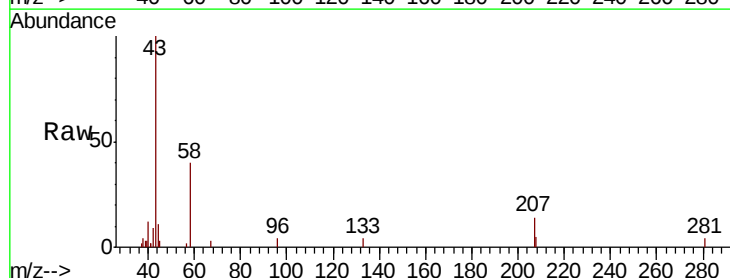
Acq: 22 Jul 2020 13:33

Tgt Ion: 43 Resp: 8325

Ion Ratio Lower Upper

43 100

58 40.1 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003284.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003284.D (-314) (-)

3.95

3000

2500

2000

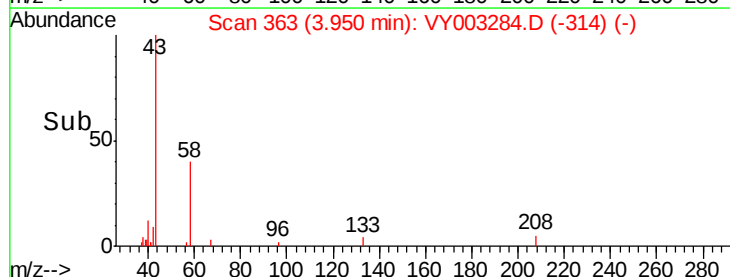
1500

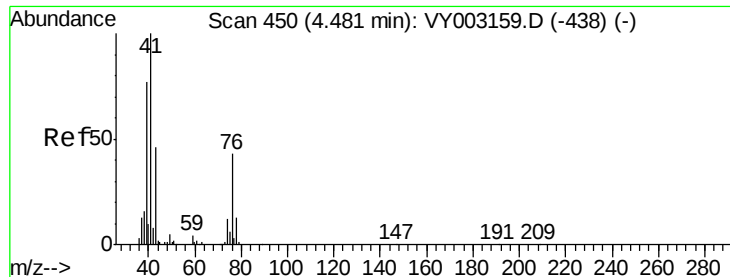
1000

500

0

Time-->

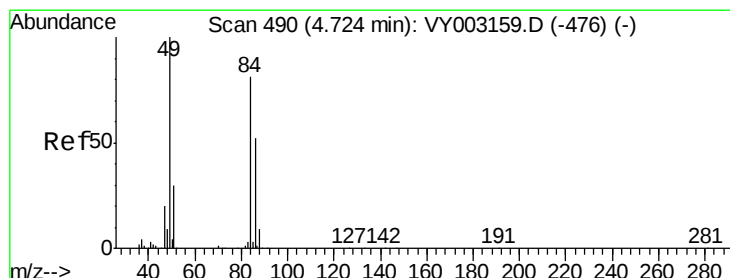
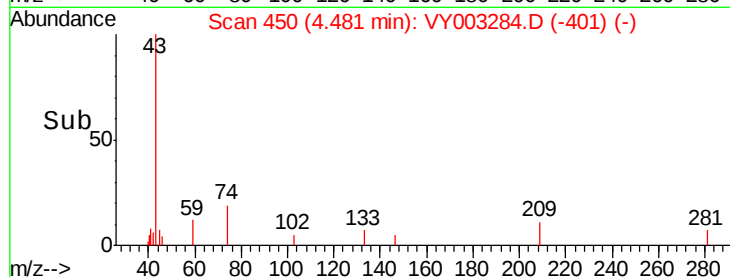
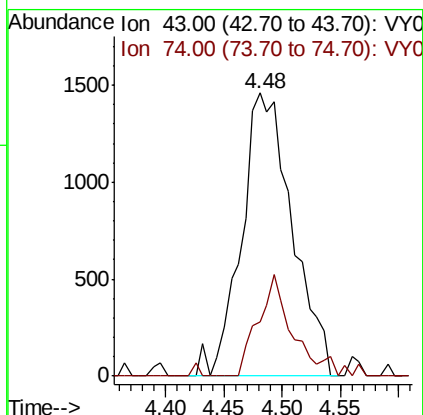
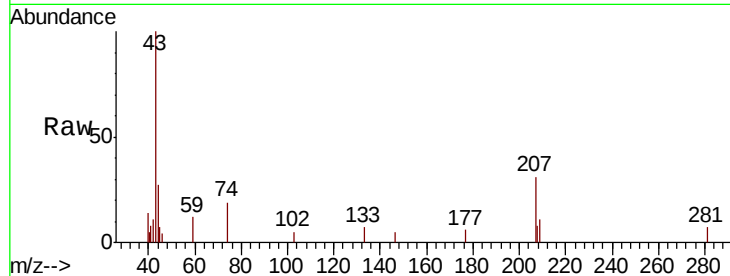




#18
Methvl Acetate
Concen: 2.127 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003284.D
Acq: 22 Jul 2020 13:33

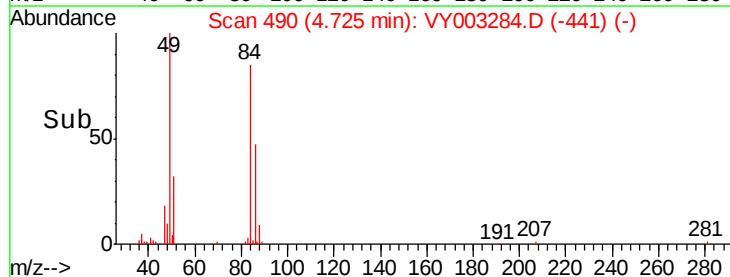
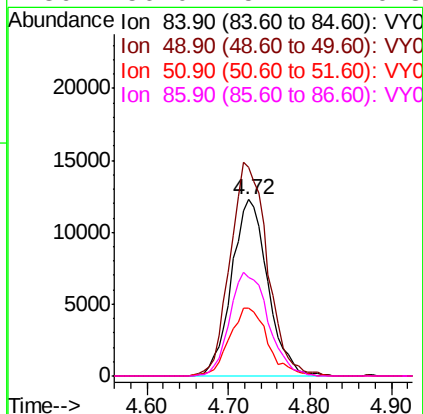
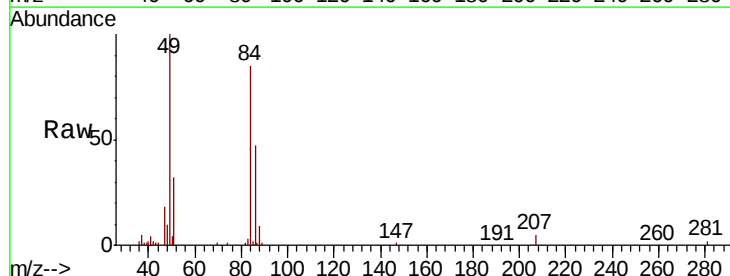
Instrument :
MSVOA_Y
ClientSampleId :
TP-15-S2

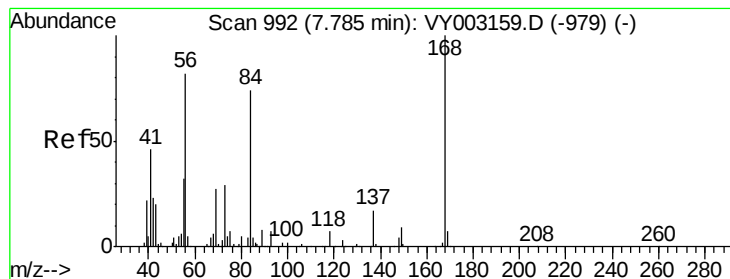
Tot Ion: 43 Resp: 4437
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2



#20
Methylene Chloride
Concen: 5.060 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003284.D
Acq: 22 Jul 2020 13:33

Tgt Ion: 84 Resp: 37789
Ion Ratio Lower Upper
84 100
49 118.0 98.2 147.4
51 38.3 29.8 44.6
86 56.0 51.2 76.8





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003284.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-S2

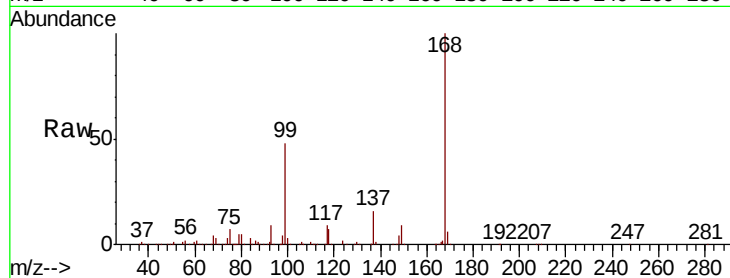
Tot Ion: 56 Resp: 7167

Ion Ratio Lower Upper

56 100

69 176.5 26.7 40.1#

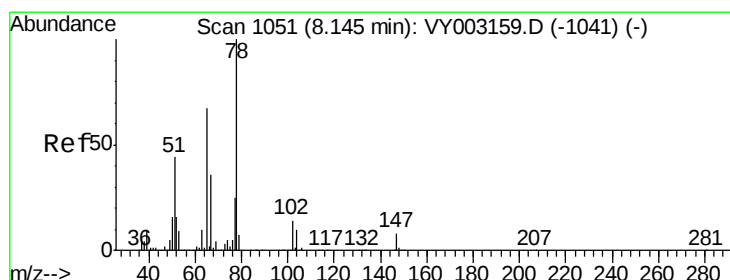
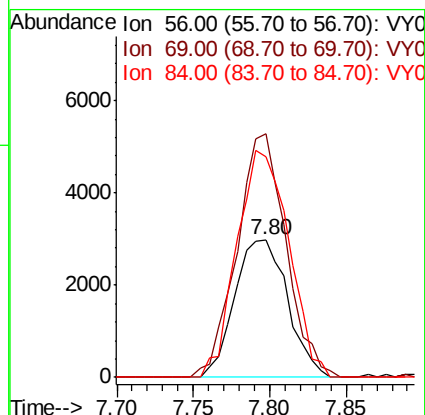
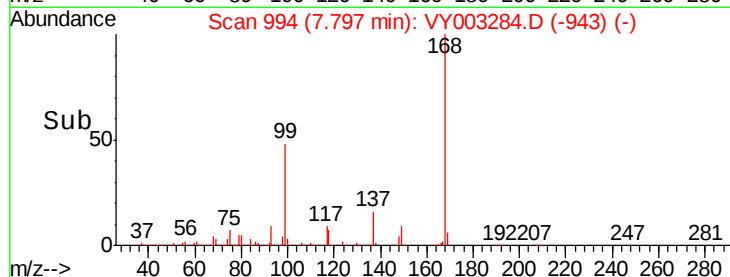
84 165.3 72.3 108.5#



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: 58.511 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003284.D

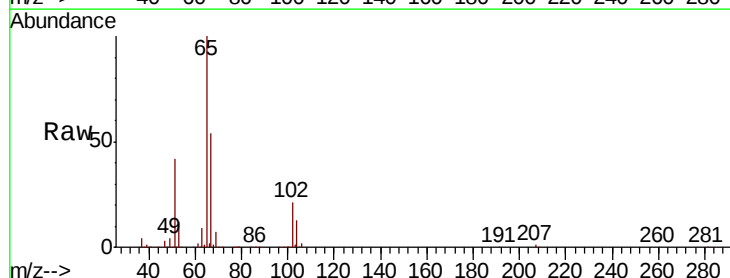
Acq: 22 Jul 2020 13:33

Tgt Ion: 65 Resp: 196756

Ion Ratio Lower Upper

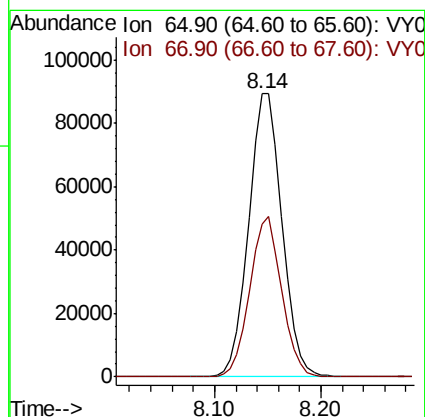
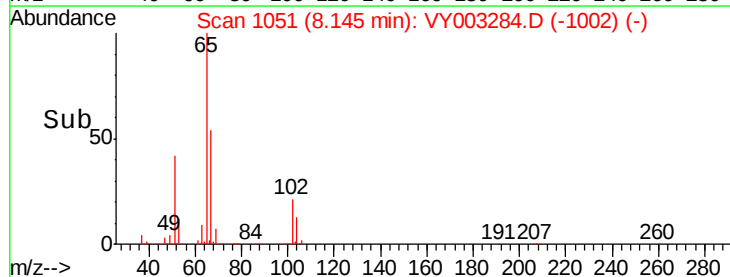
65 100

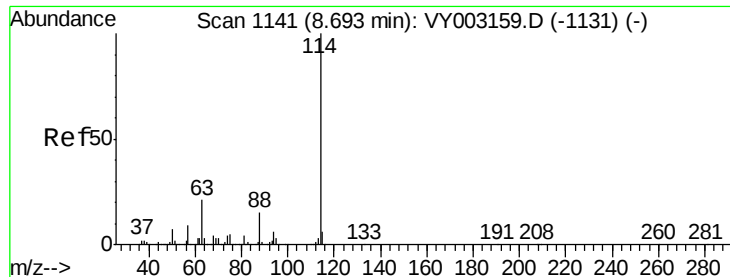
67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

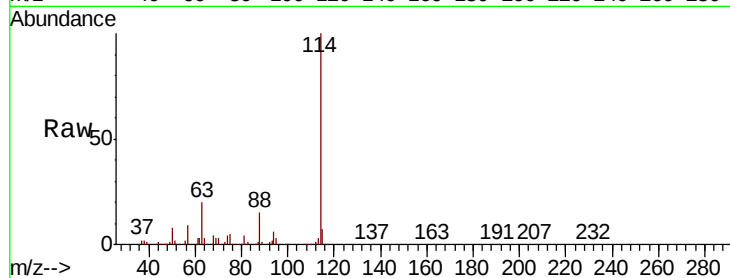




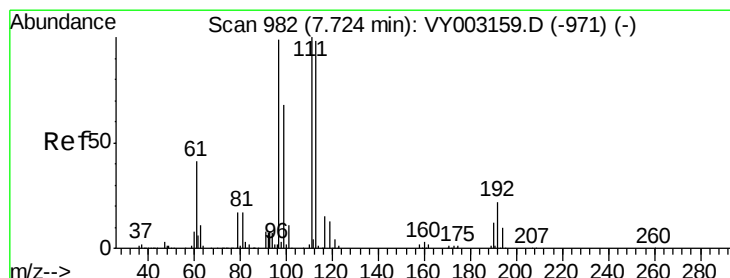
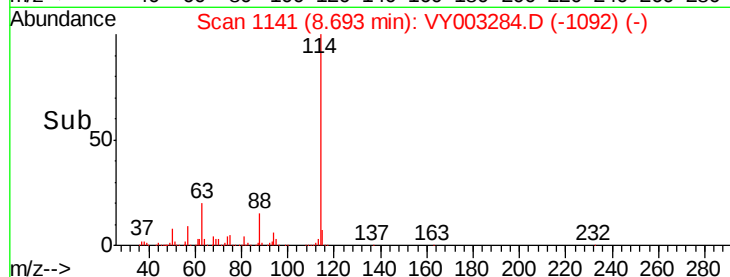
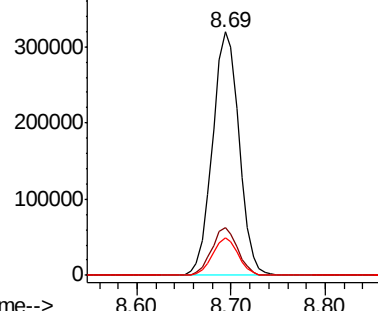
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003284.D
Acq: 22 Jul 2020 13:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-S2

Tot Ion:114 Resp: 628044
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.2
88 15.4 0.0 30.2

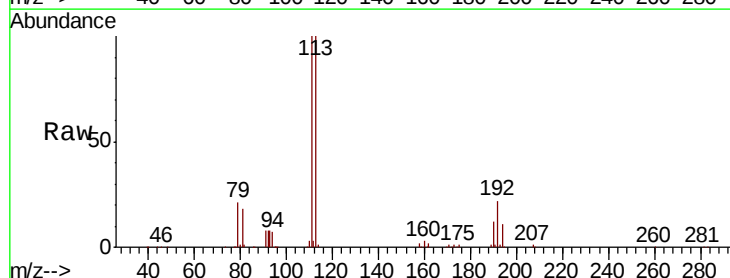


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

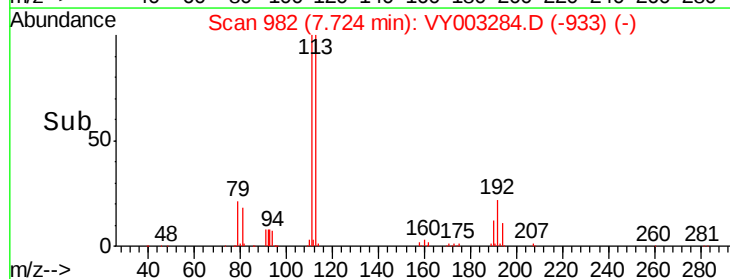
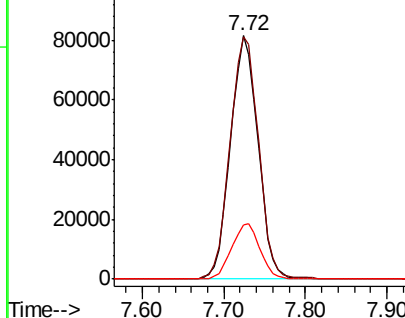


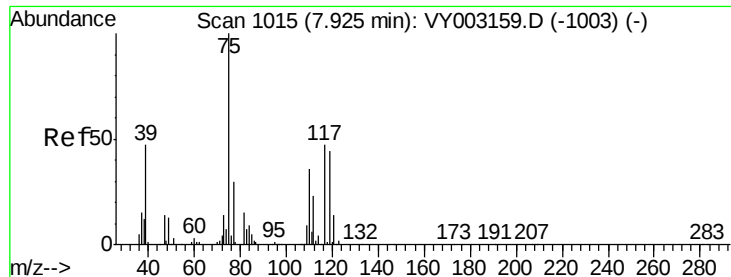
#35
Dibromofluoromethane
Concen: 52.528 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003284.D
Acq: 22 Jul 2020 13:33

Tgt Ion:113 Resp: 189850
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 23.3 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

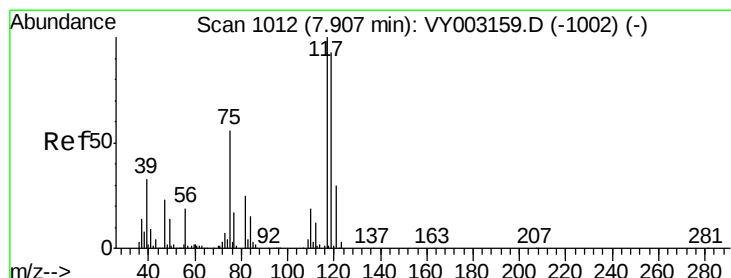
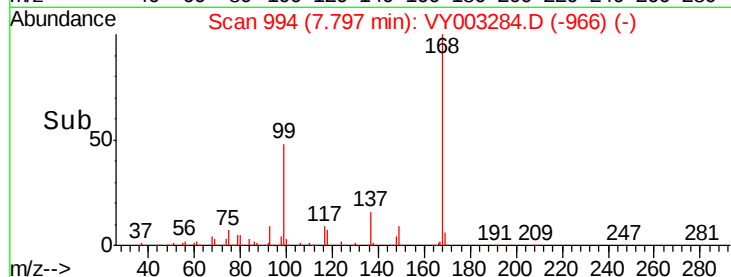
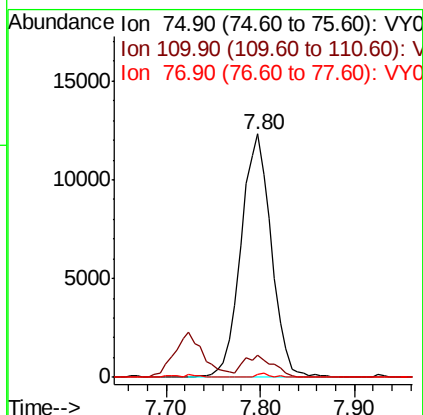
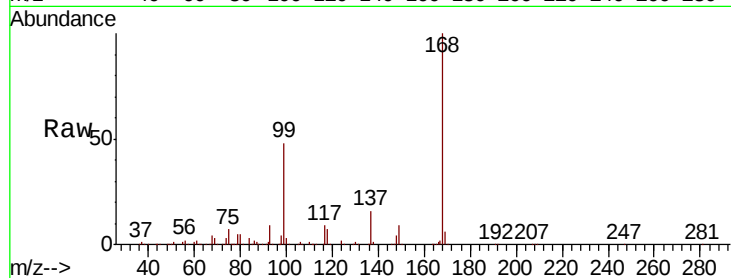




#36
 1,1-Dichloropropene
 Concen: 4.874 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003284.D
 Acq: 22 Jul 2020 13:33

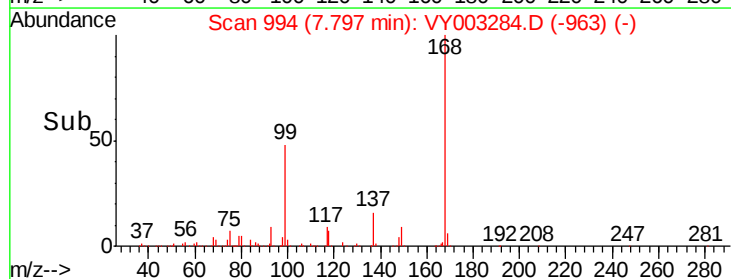
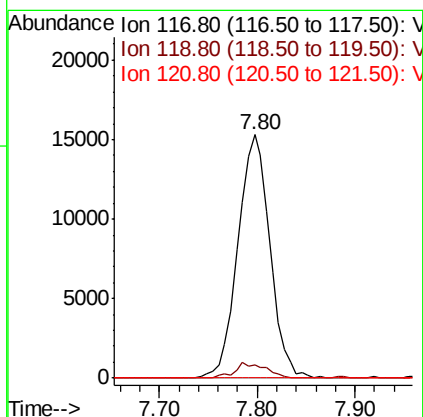
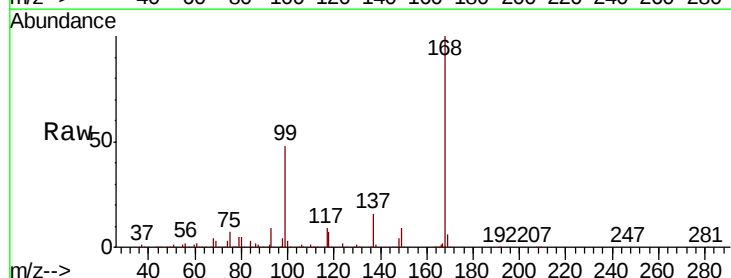
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15-S2

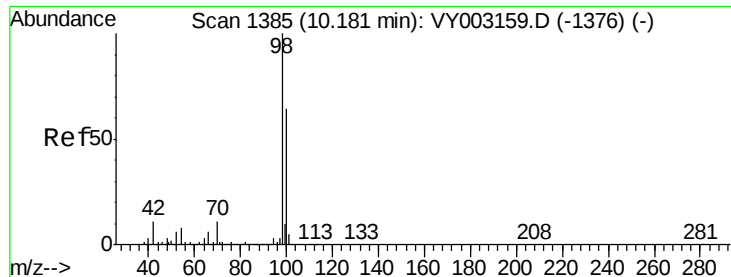
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.6	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.889 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003284.D
 Acq: 22 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.280 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003284.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

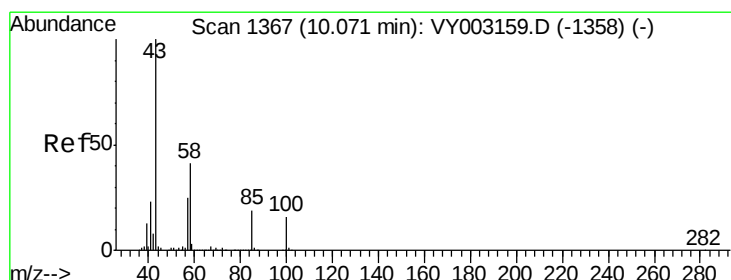
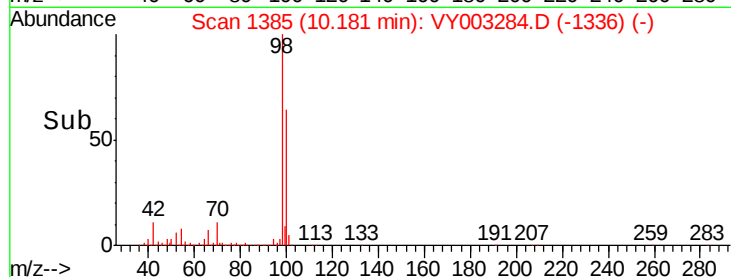
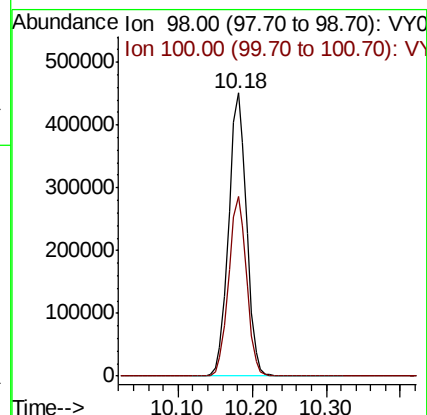
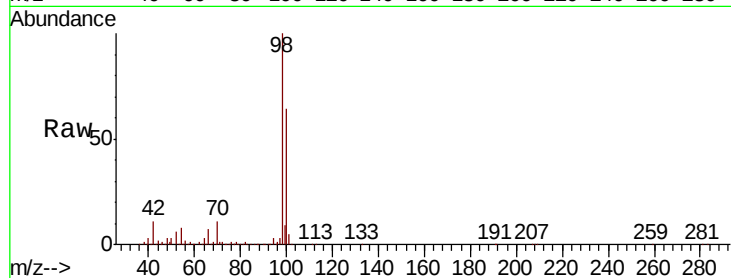
TP-15-S2

Tot Ion: 98 Resp: 756238

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 1.059 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003284.D

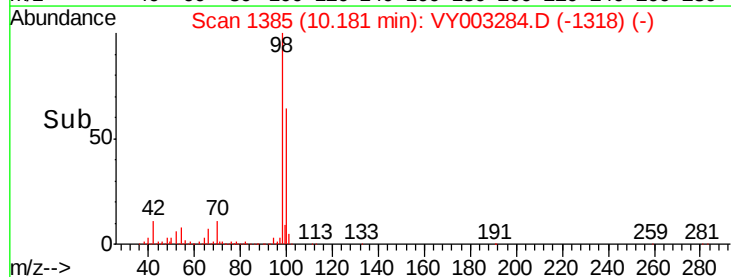
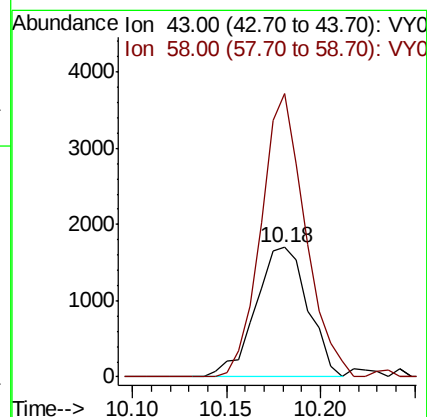
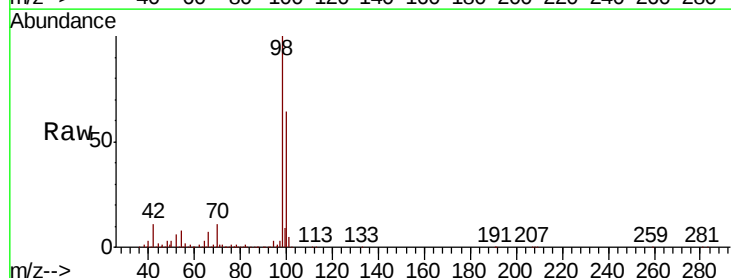
Acq: 22 Jul 2020 13:33

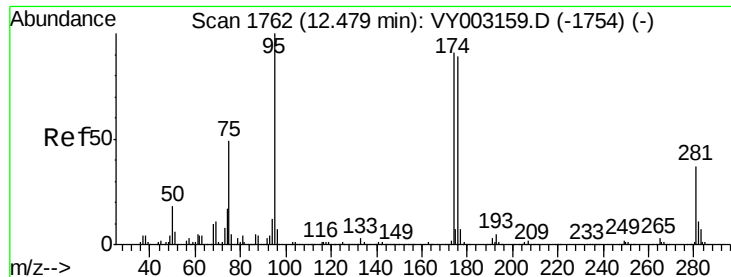
Tgt Ion: 43 Resp: 3266

Ion Ratio Lower Upper

43 100

58 184.6 32.7 49.1#





#62

4-Bromofluorobenzene

Concen: 49.757 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003284.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-S2

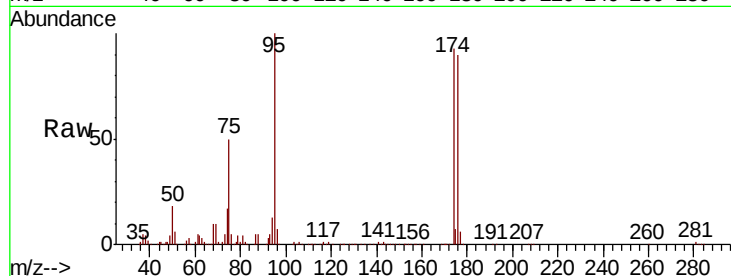
Tot Ion: 95 Resp: 241538

Ion Ratio Lower Upper

95 100

174 96.3 0.0 190.6

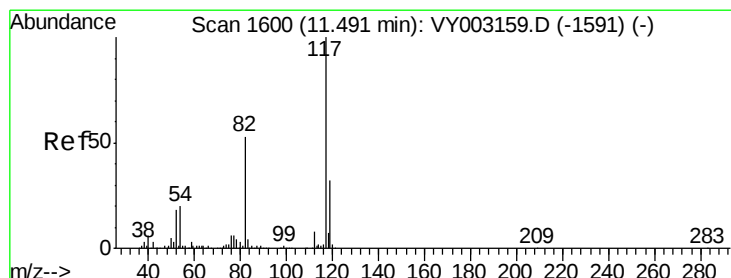
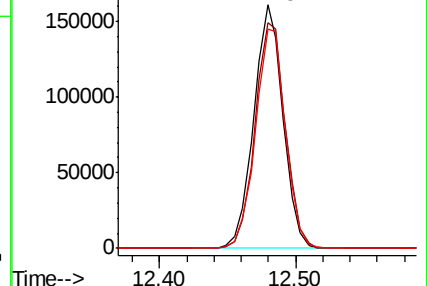
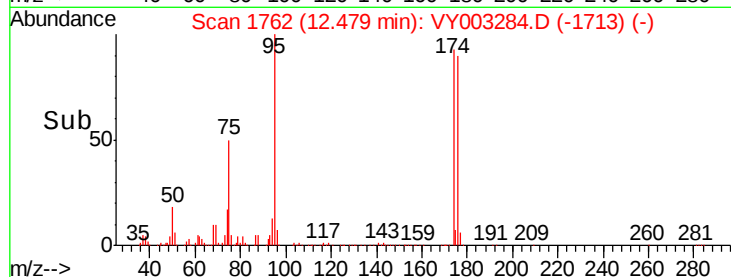
176 93.1 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003284.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003284.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003284.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003284.D

Acq: 22 Jul 2020 13:33

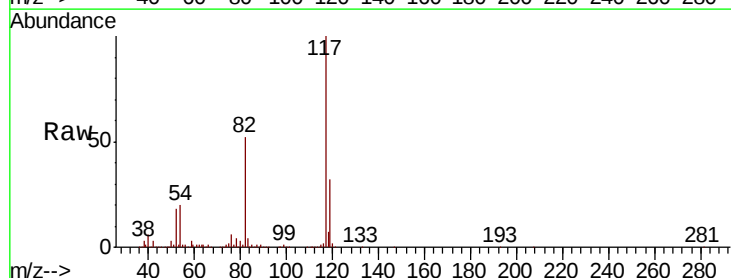
Tgt Ion: 117 Resp: 571814

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

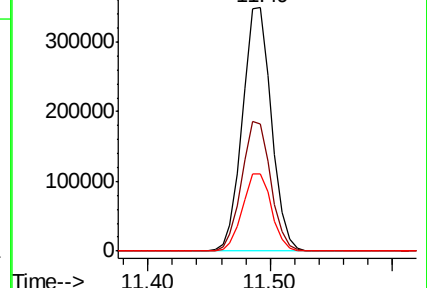
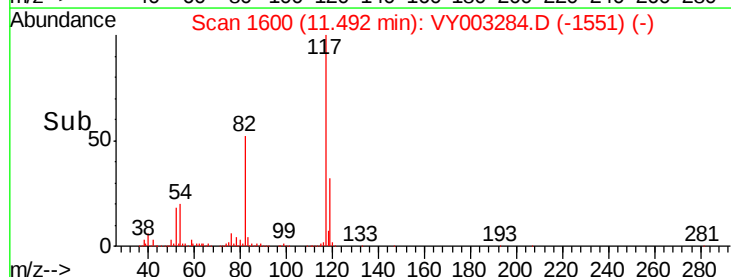
119 31.9 25.5 38.3

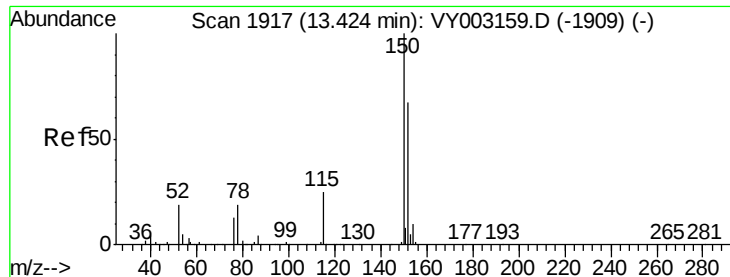


Abundance Ion 116.90 (116.60 to 117.60): VY003284.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003284.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003284.D (-1551) (-)



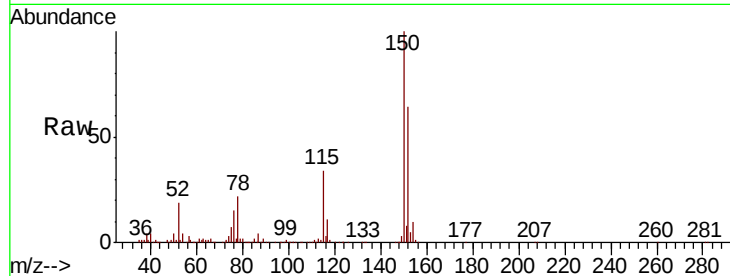


#72

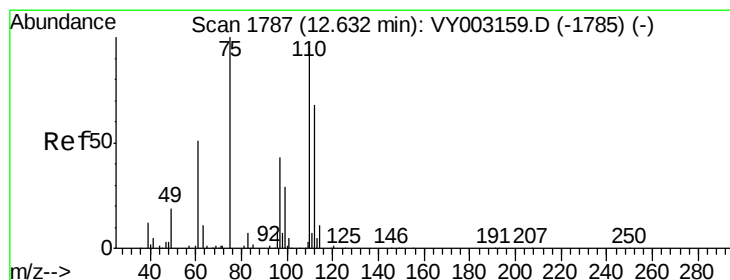
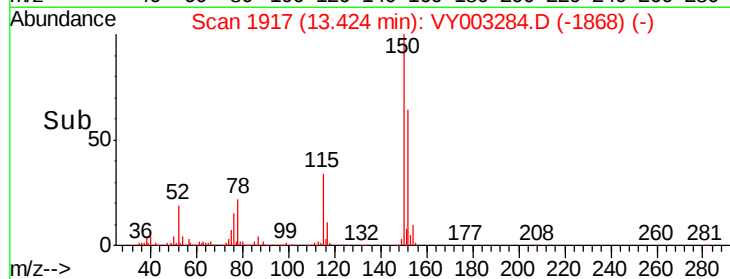
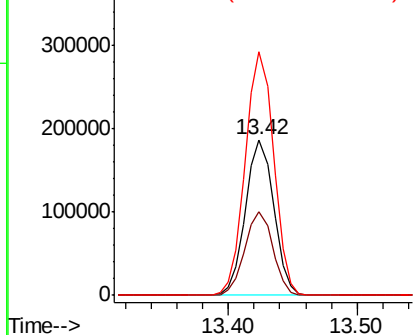
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003284.D
Acq: 22 Jul 2020 13:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-15-S2

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.9	80.7
150	157.3	0.0	338.0



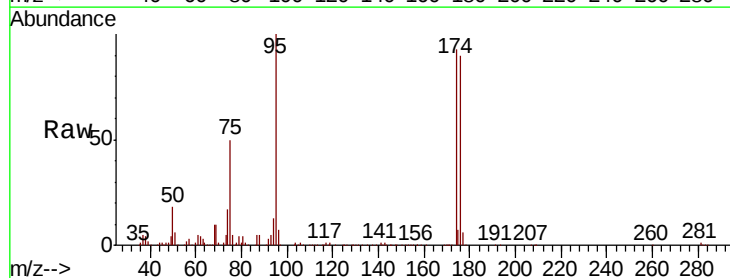
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



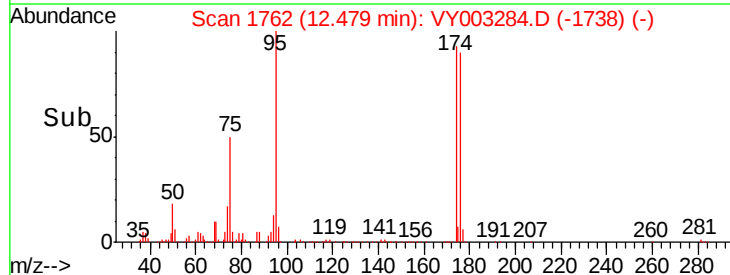
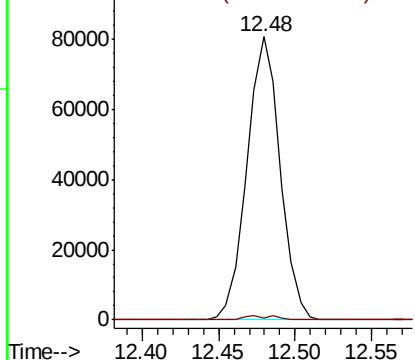
#76

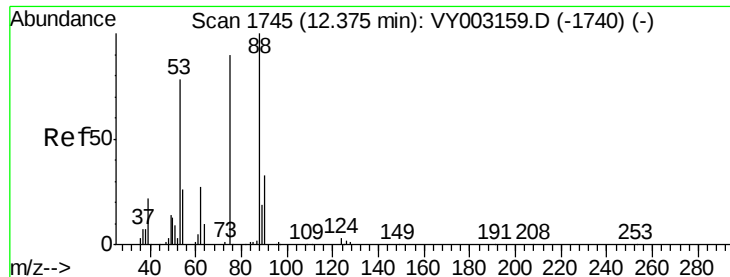
1,2,3-Trichloropropane
Concen: 48.442 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003284.D
Acq: 22 Jul 2020 13:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 94.278 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003284.D

Acq: 22 Jul 2020 13:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-15-S2

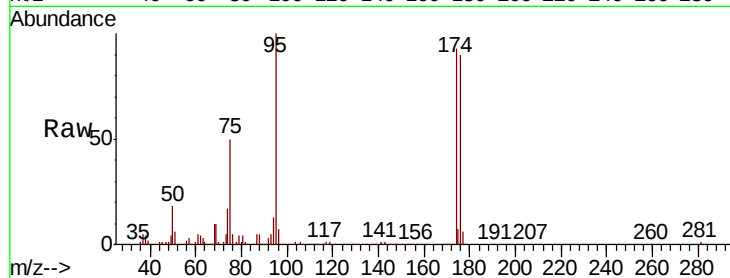
Tot Ion: 75 Resp: 121405

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 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

