

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003296.D
 Acq On : 22 Jul 2020 18:21
 Operator : SY/MD
 Sample : L3308-12
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12RE

Quant Time: Jul 23 05:44:36 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

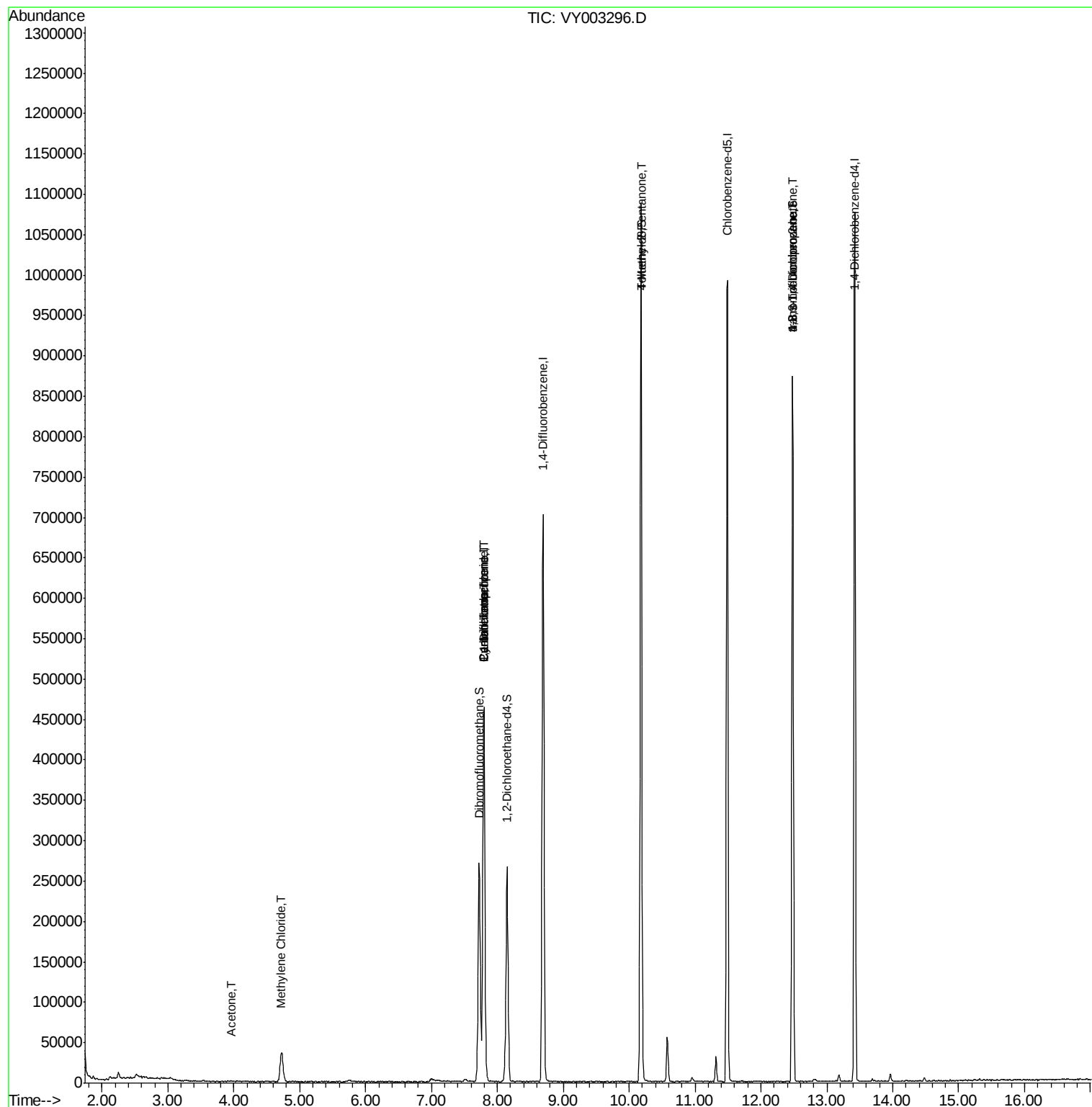
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	385838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	596493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	556631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	199651	61.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.62%	
35) Dibromofluoromethane	7.72	113	189951	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
50) Toluene-d8	10.18	98	732907	57.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.86%	
62) 4-Bromofluorobenzene	12.48	95	237955	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	1019	1.401	ug/l #	81
20) Methylene Chloride	4.72	84	28653	2.621	ug/l	94
31) Cyclohexane	7.79	56	7306	1.233	ug/l #	25
36) 1,1-Dichloropropene	7.79	75	26952	4.985	ug/l #	49
38) Carbon Tetrachloride	7.79	117	35297	6.324	ug/l #	19
51) 4-Methyl-2-Pentanone	10.18	43	3194	1.090	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	121324	48.895	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	121324	95.160	ug/l #	13

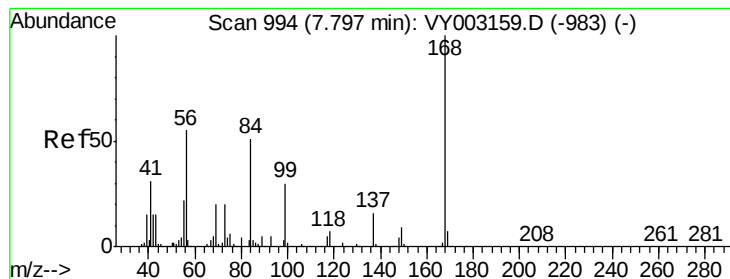
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
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Acq On : 22 Jul 2020 18:21
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MSVOA_Y
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12RE

Quant Time: Jul 23 05:44:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
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: VY003296.D

Acq: 22 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampled :

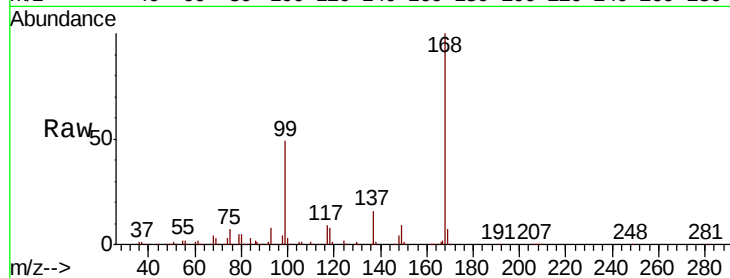
12RE

Tot Ion:168 Resp: 385838

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

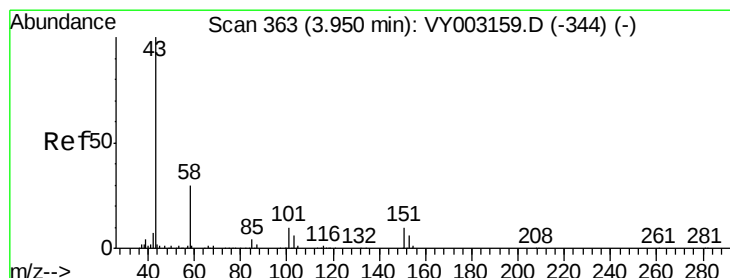
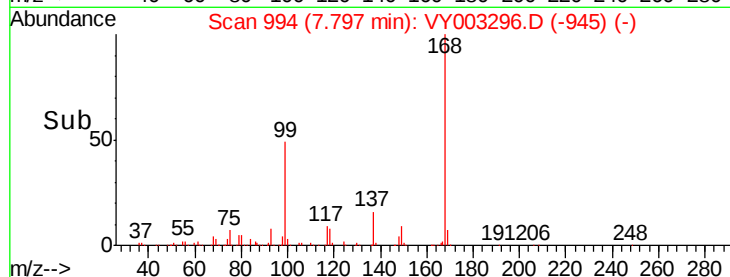
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.401 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003296.D

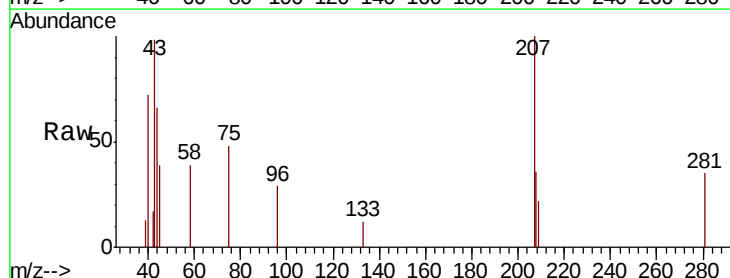
Acq: 22 Jul 2020 18:21

Tgt Ion: 43 Resp: 1019

Ion Ratio Lower Upper

43 100

58 40.1 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

500

400

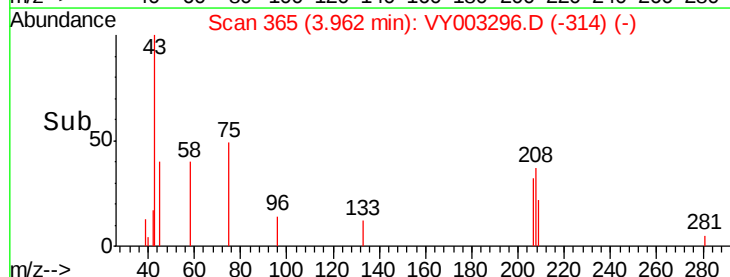
300

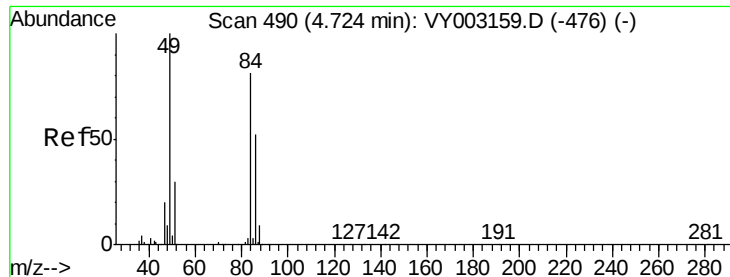
200

100

0

Time-->

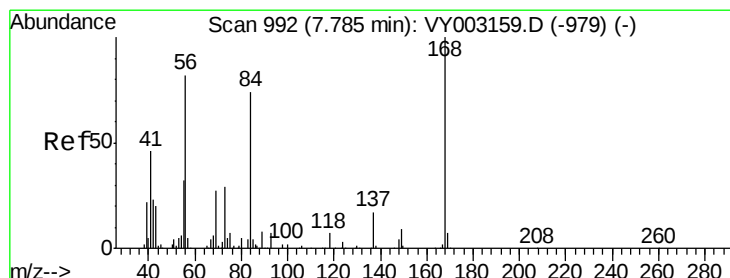
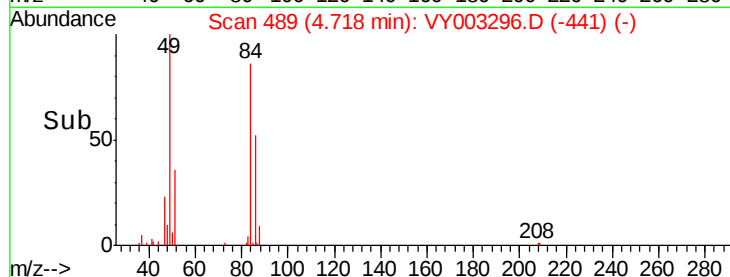
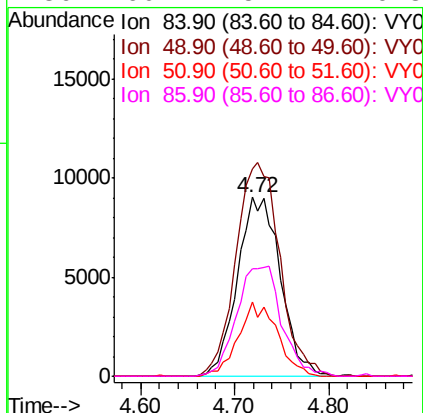
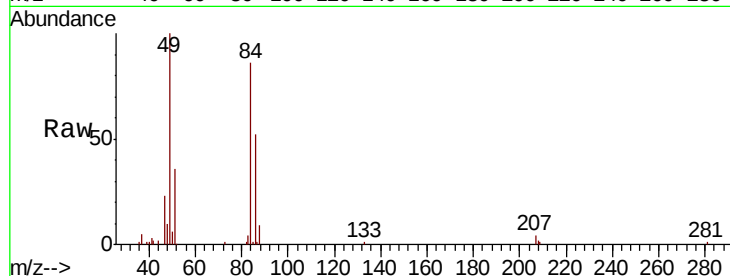




#20
Methvlene Chloride
Concen: 2.621 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003296.D
Acq: 22 Jul 2020 18:21

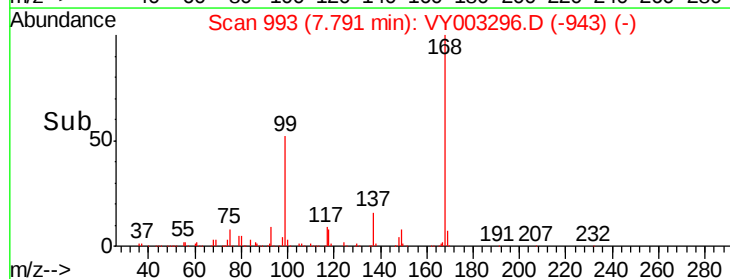
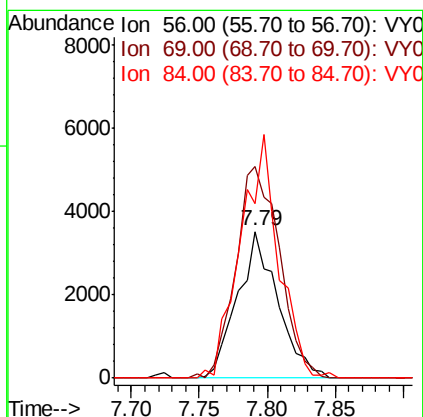
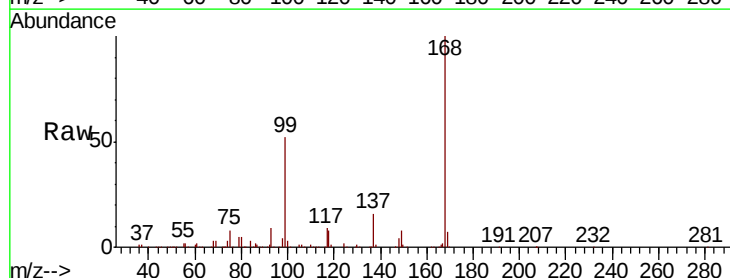
Instrument :
MSVOA_Y
ClientSampleId :
12RE

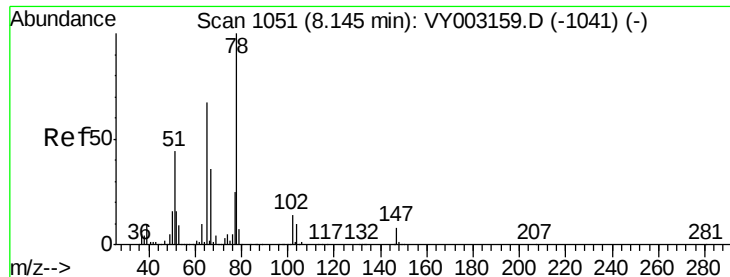
Tot Ion:	84	Resp:	28653
Ion	Ratio	Lower	Upper
84	100		
49	115.8	98.2	147.4
51	41.4	29.8	44.6
86	60.1	51.2	76.8



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003296.D
Acq: 22 Jul 2020 18:21

Tgt Ion:	56	Resp:	7306
Ion	Ratio	Lower	Upper
56	100		
69	143.7	26.7	40.1#
84	119.1	72.3	108.5#

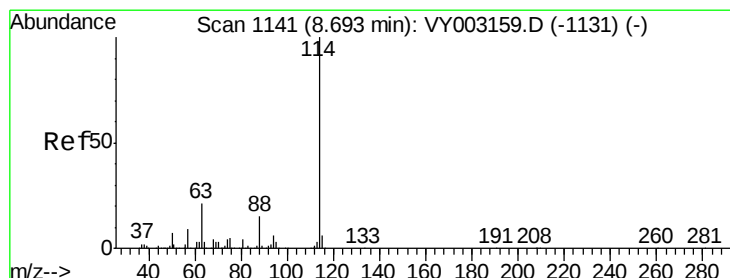
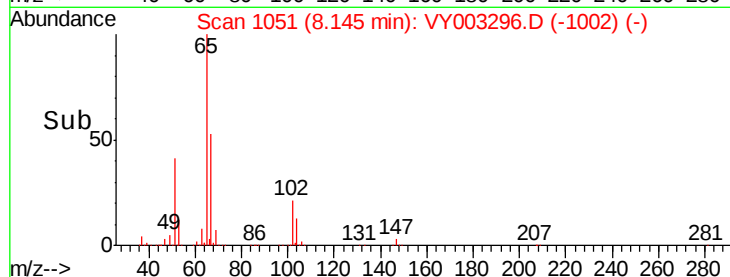
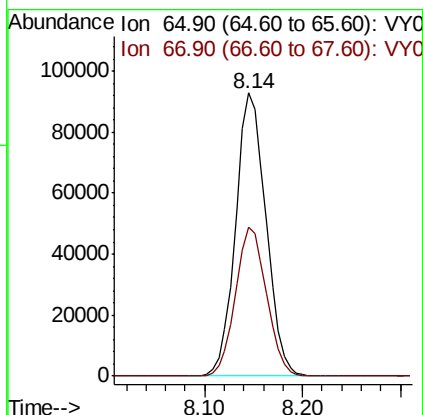
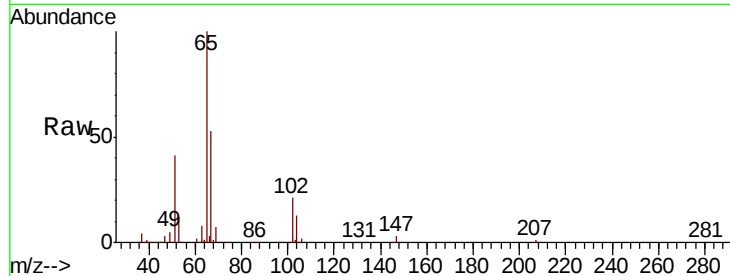




#33
 1,2-Dichloroethane-d4
 Concen: 61.306 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003296.D
 Acq: 22 Jul 2020 18:21

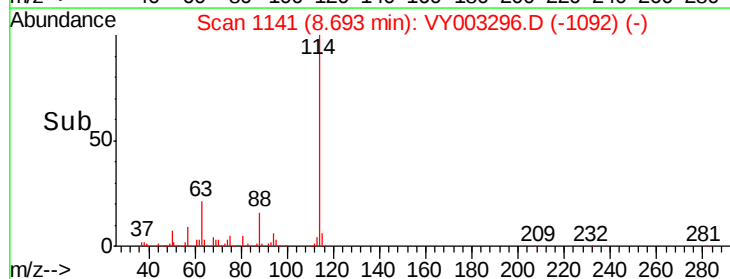
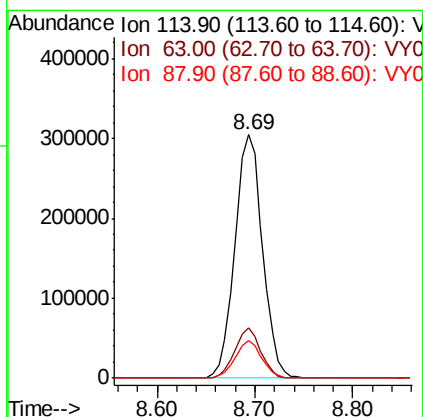
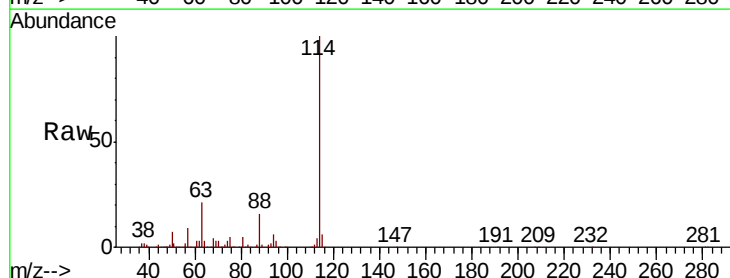
Instrument :
 MSVOA_Y
 ClientSampled :
 12RE

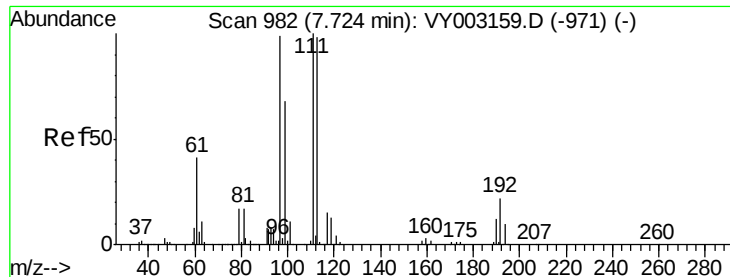
Tot Ion: 65 Resp: 199651
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003296.D
 Acq: 22 Jul 2020 18:21

Tgt Ion: 114 Resp: 596493
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.6 0.0 30.2

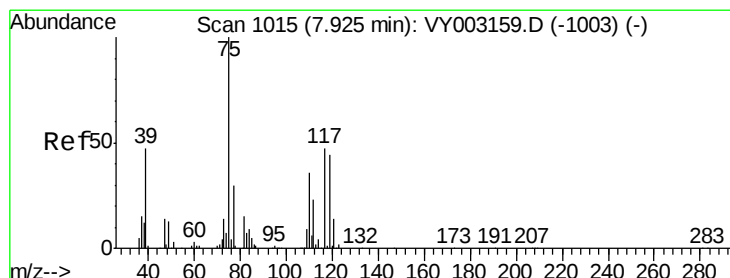
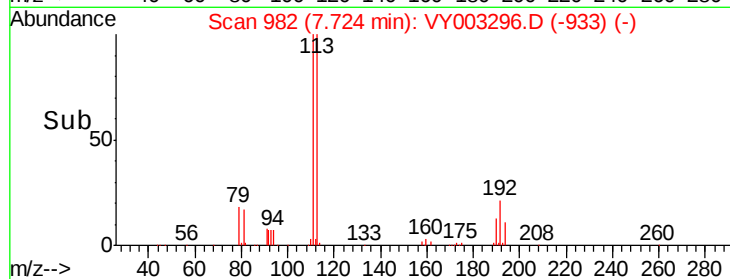
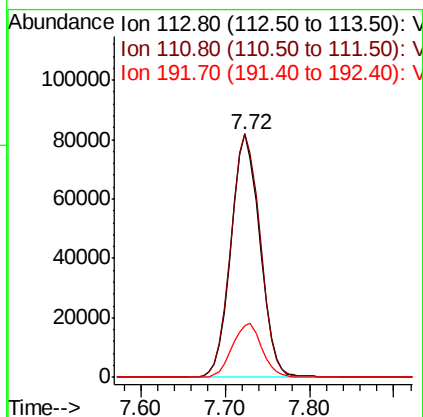
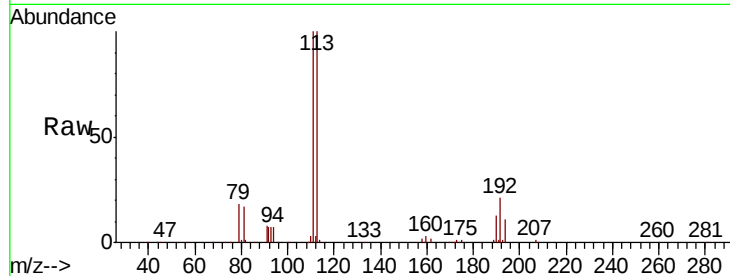




#35
 Dibromofluoromethane
 Concen: 55.336 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003296.D
 Acq: 22 Jul 2020 18:21

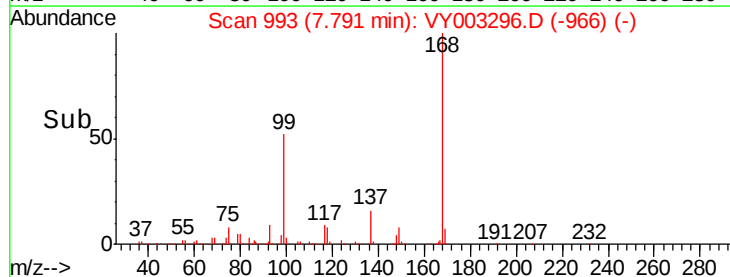
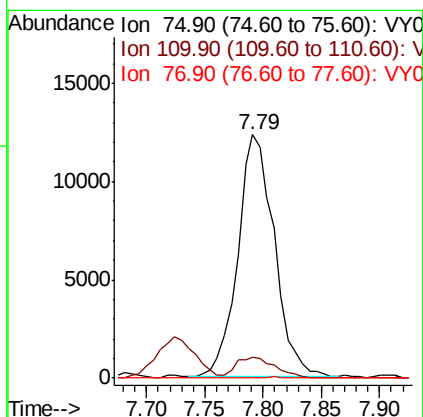
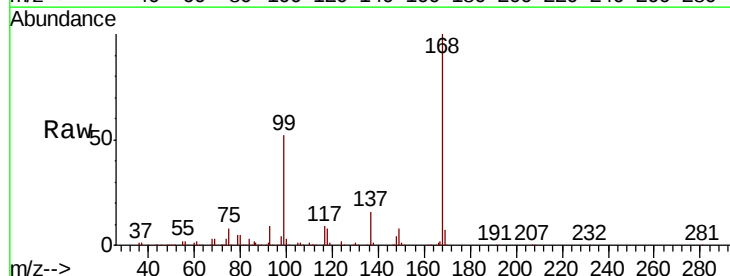
Instrument :
 MSVOA_Y
 ClientSampled :
 12RE

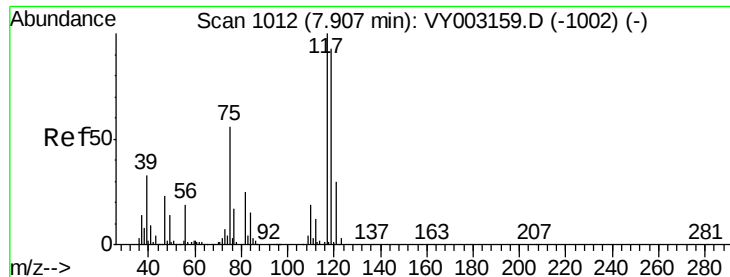
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.1	123.1
192	22.6	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.985 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003296.D
 Acq: 22 Jul 2020 18:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.1	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.324 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampled :

12RE

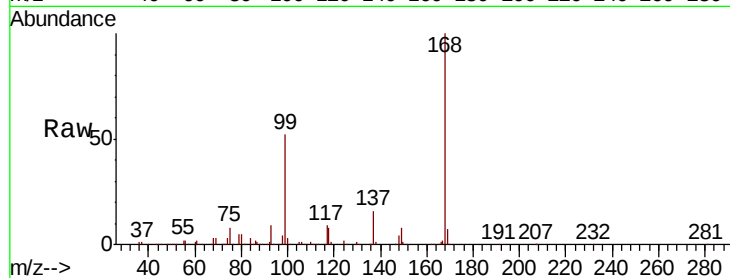
Tot Ion:117 Resp: 35297

Ion Ratio Lower Upper

117 100

119 7.4 74.5 111.7#

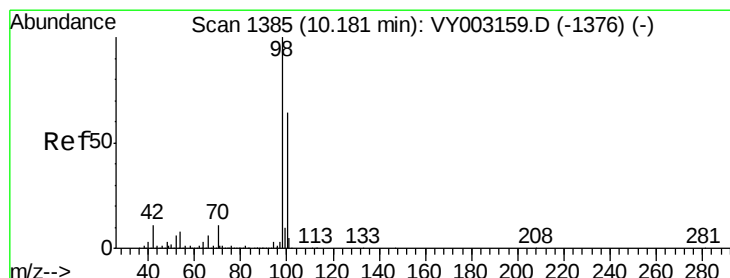
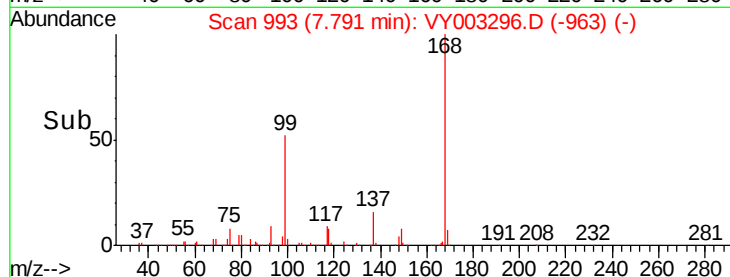
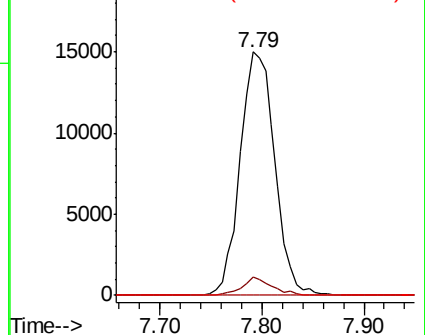
121 0.0 24.2 36.2#



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



#50

Toluene-d8

Concen: 57.428 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003296.D

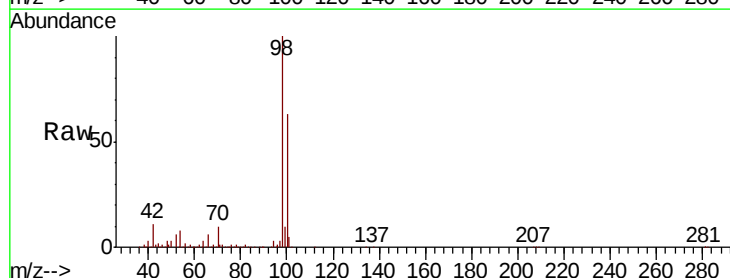
Acq: 22 Jul 2020 18:21

Tgt Ion: 98 Resp: 732907

Ion Ratio Lower Upper

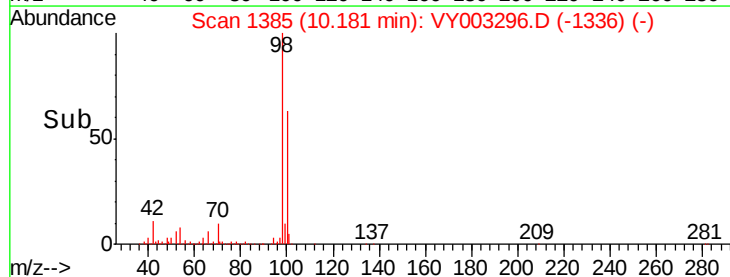
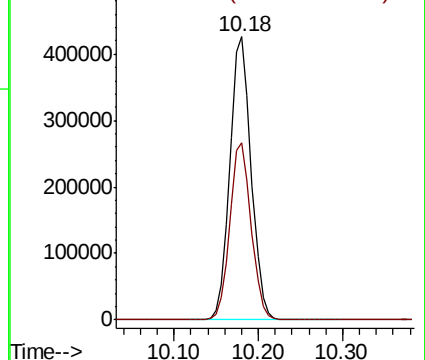
98 100

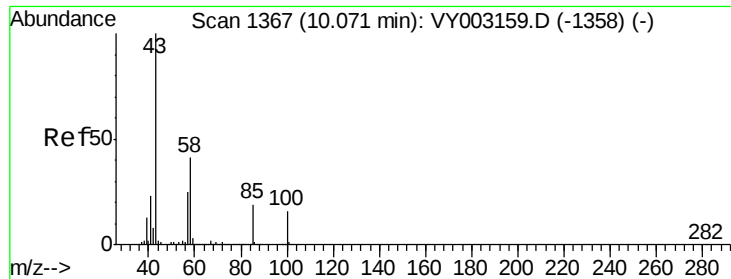
100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.090 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

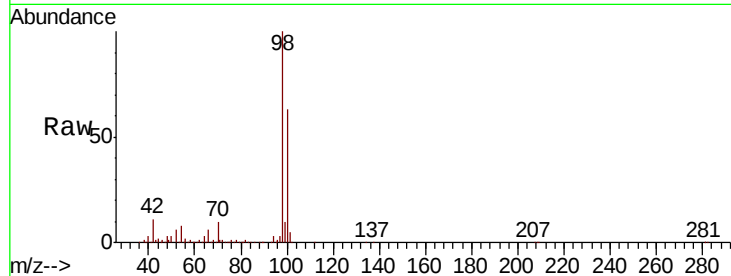
12RE

Tot Ion: 43 Resp: 3194

Ion Ratio Lower Upper

43 100

58 185.4 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

4000

3000

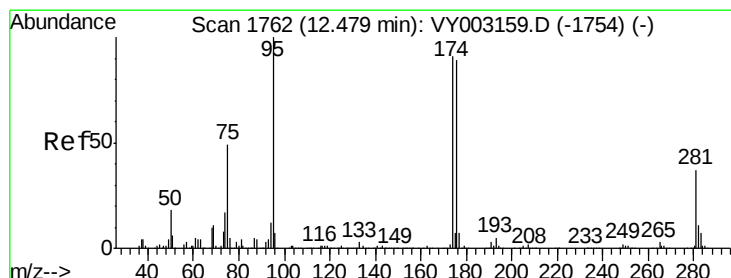
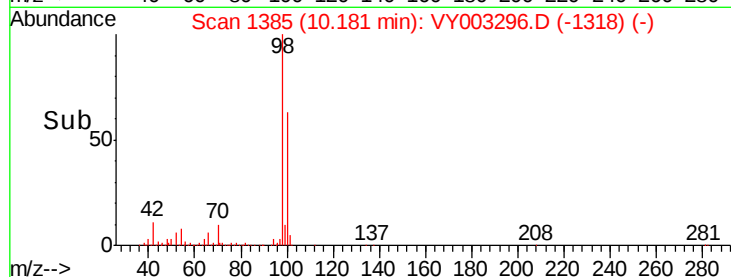
2000

1000

0

10.10 10.15 10.20 10.25

Time-->



#62

4-Bromofluorobenzene

Concen: 51.612 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

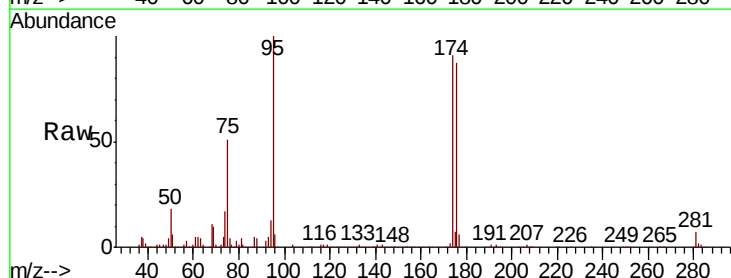
Tgt Ion: 95 Resp: 237955

Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

176 91.9 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

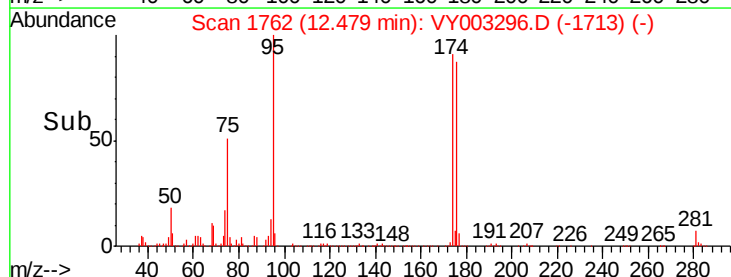
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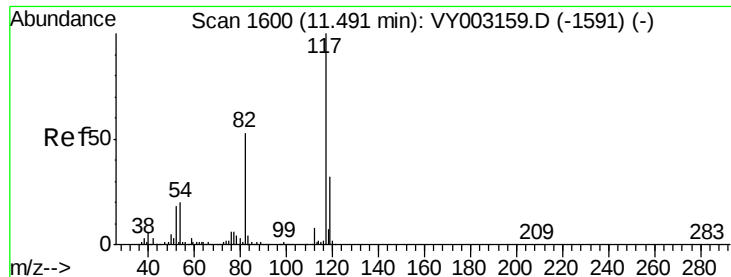
50000

0

12.40 12.50 12.60

Time-->

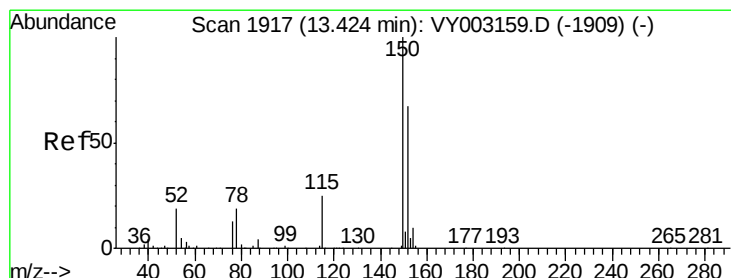
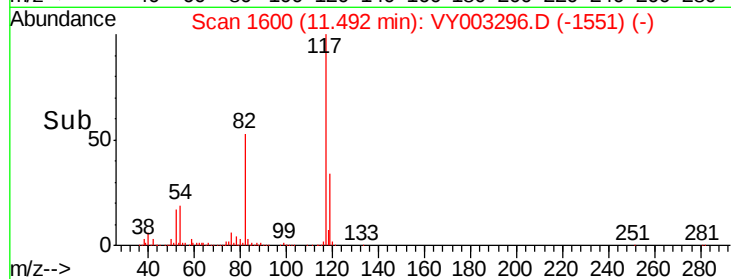
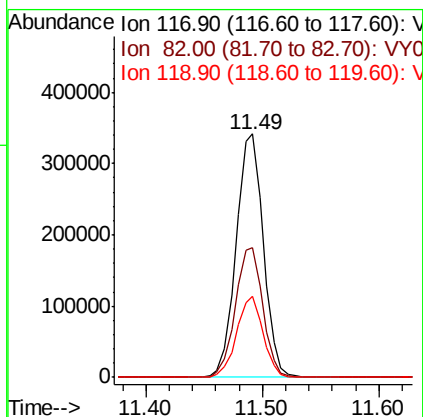
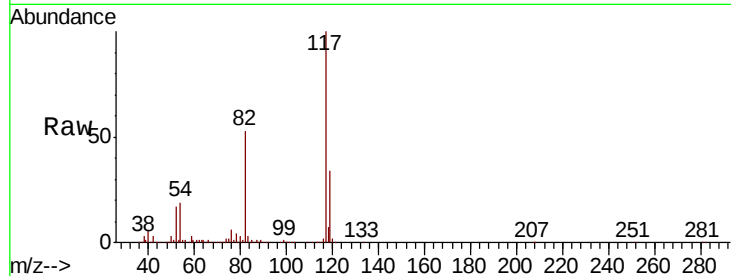




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003296.D
Acq: 22 Jul 2020 18:21

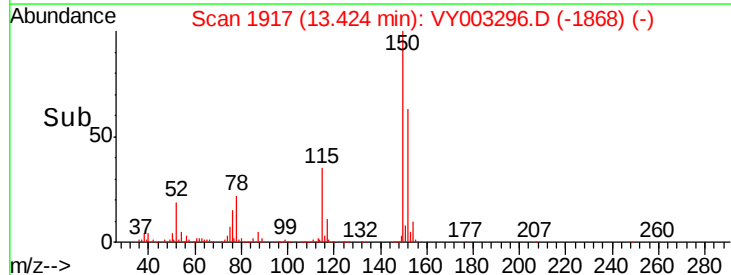
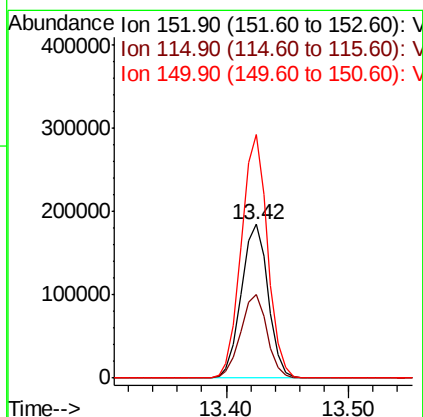
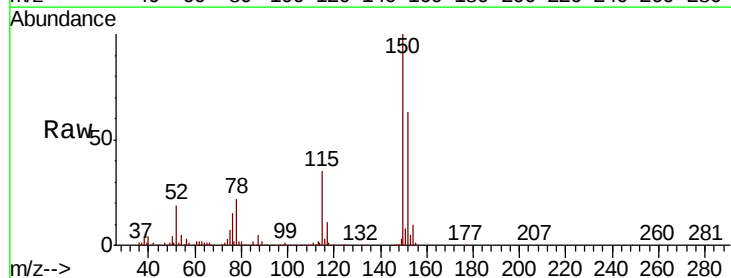
Instrument :
MSVOA_Y
ClientSampleId :
12RE

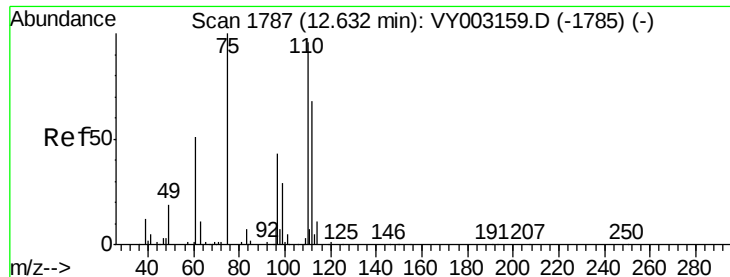
Tot Ion:117 Resp: 556631
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 33.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003296.D
Acq: 22 Jul 2020 18:21

Tgt Ion:152 Resp: 280318
Ion Ratio Lower Upper
152 100
115 53.5 26.9 80.7
150 154.6 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 48.895 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

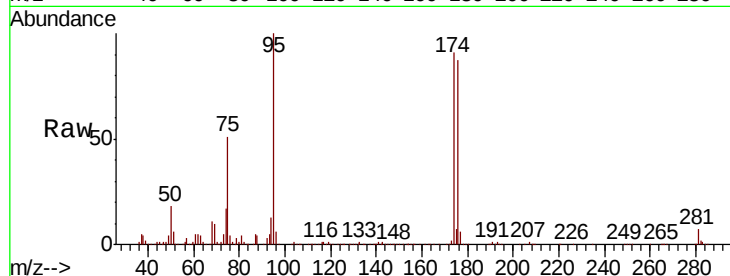
12RE

Tot Ion: 75 Resp: 121324

Ion Ratio Lower Upper

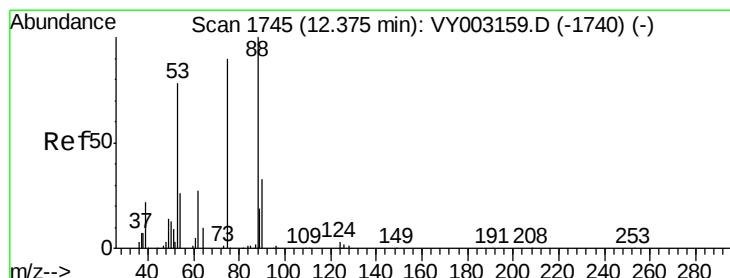
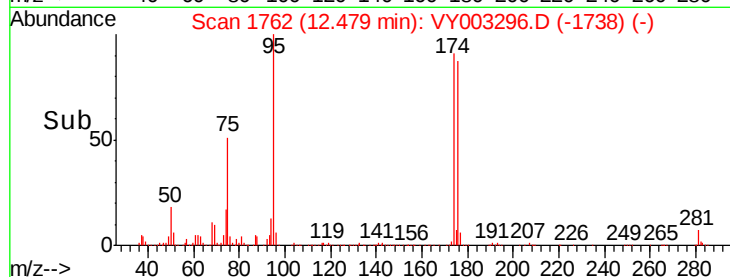
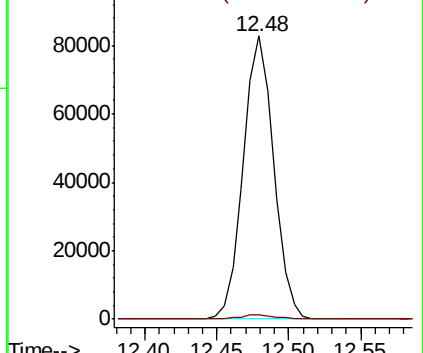
75 100

77 1.5 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: 95.160 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003296.D

Acq: 22 Jul 2020 18:21

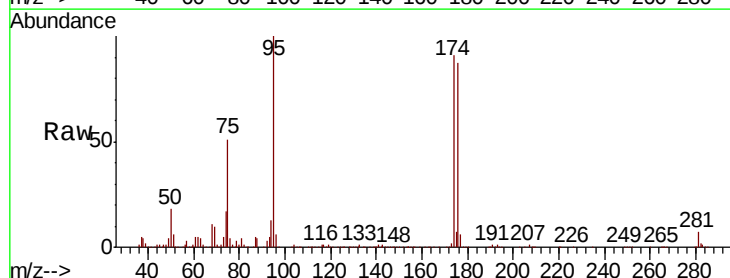
Tgt Ion: 75 Resp: 121324

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 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

