

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
 Data File : VY002840.D
 Acq On : 04 Jun 2020 14:17
 Operator : SY/MD
 Sample : L2814-07
 Misc : 7.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-060320

Quant Time: Jun 04 16:23:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	278201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135672	56.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.34%	
35) Dibromofluoromethane	7.72	113	136597	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.18	98	526611	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.48	95	166494	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

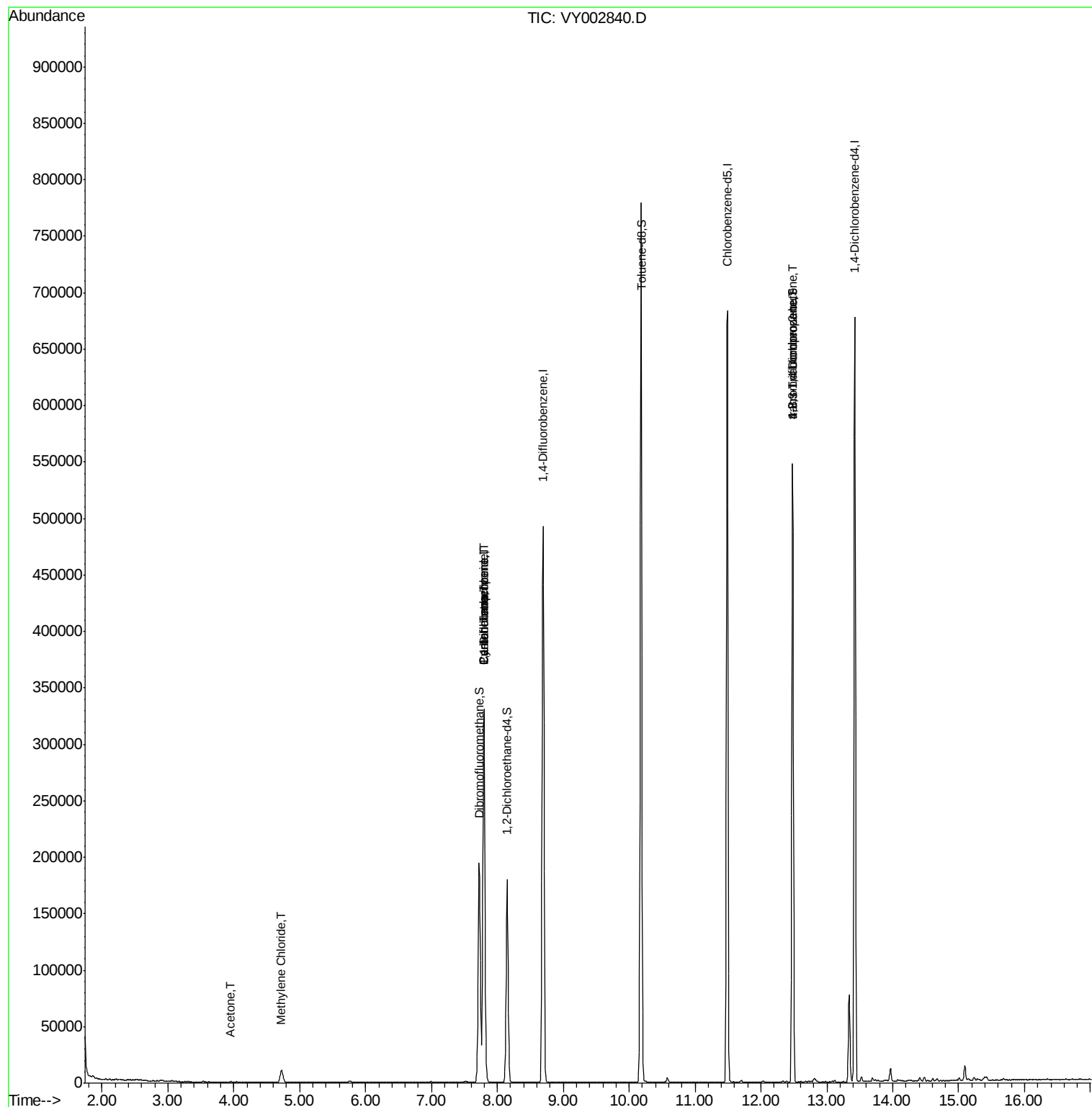
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	877	1.55	ug/l	# 88
18) Methyl Acetate	4.49	43	481	Below Cal		# 59
20) Methylene Chloride	4.72	84	8957	3.24	ug/l	91
31) Cyclohexane	7.80	56	4370	1.07	ug/l	# 1
36) 1,1-Dichloropropene	7.79	75	17228	4.53	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	24563	5.82	ug/l	# 17
76) 1,2,3-Trichloropropane	12.48	75	79655	47.36	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	79655	89.23	ug/l	# 17

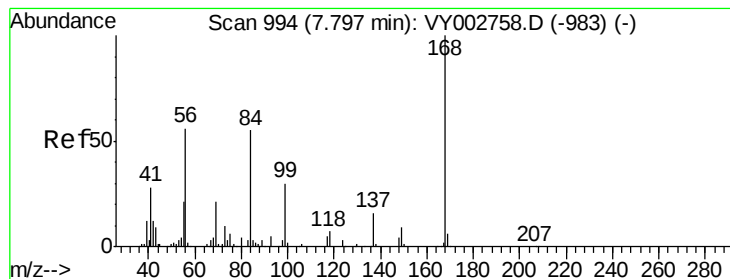
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY060420\
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Quant Time: Jun 04 16:23:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

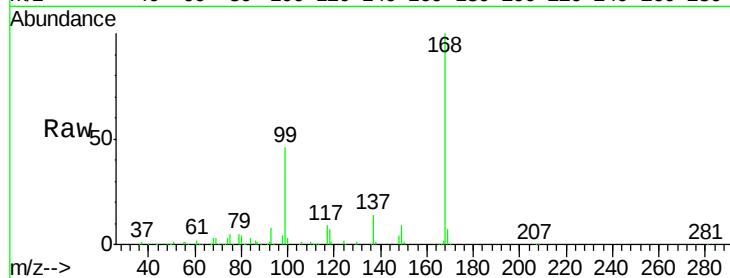
PL-01-060320

Tgt Ion:168 Resp: 278201

Ion Ratio Lower Upper

168 100

99 46.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002840.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002840.D (-945) (-)

7.80

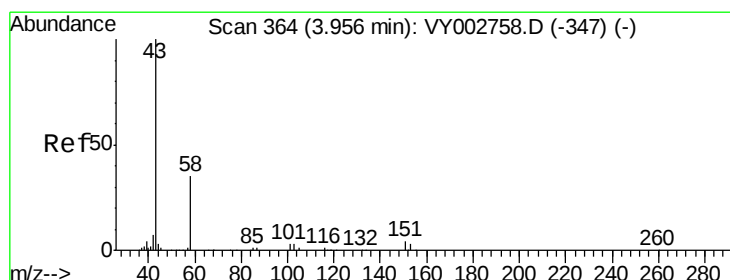
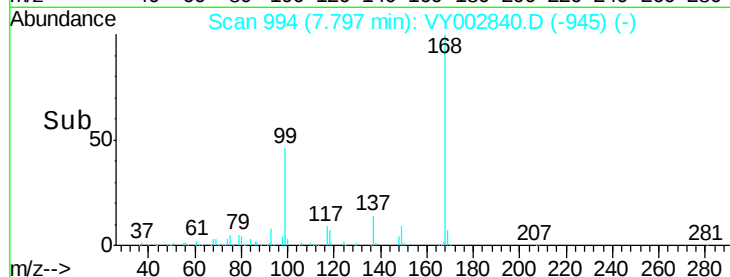
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.55 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002840.D

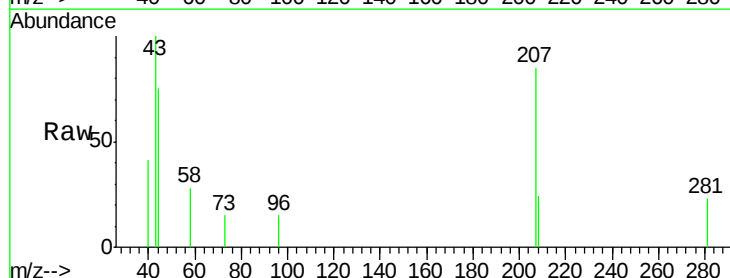
Acq: 04 Jun 2020 14:17

Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

43 100

58 27.6 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002840.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002840.D (-315) (-)

3.96

400

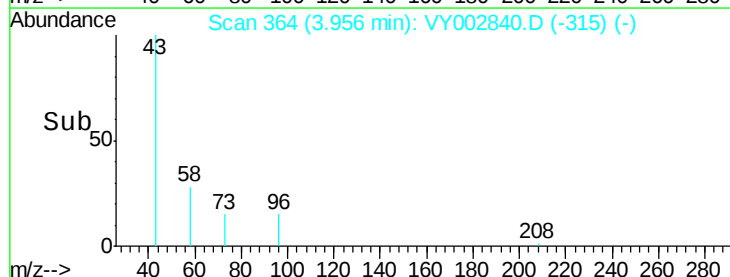
300

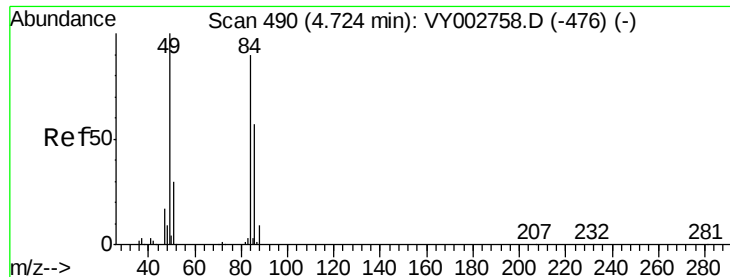
200

100

0

Time-->





#20

Methylene Chloride

Concen: 3.24 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-060320

Tgt Ion: 84 Resp: 8957

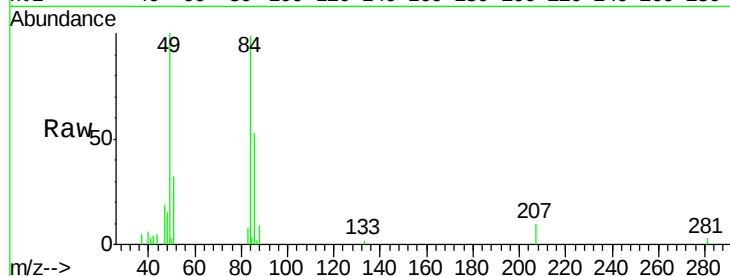
Ion Ratio Lower Upper

84 100

49 101.3 88.5 132.7

51 32.3 26.8 40.2

86 53.6 50.6 75.8

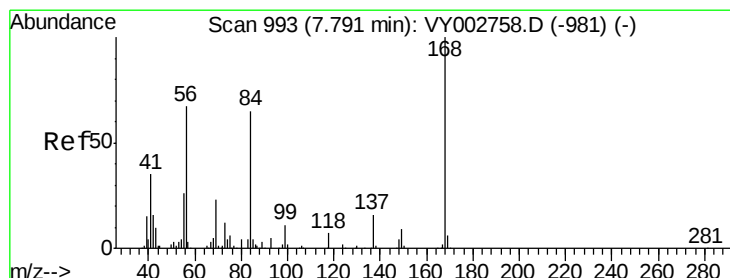
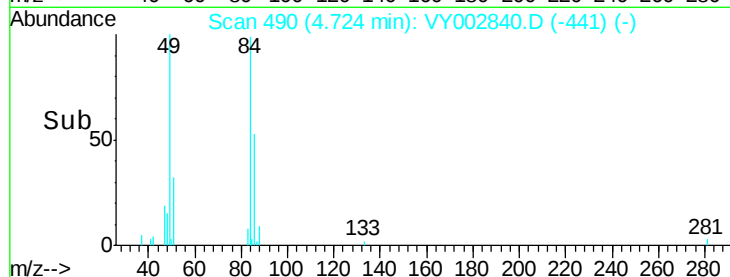
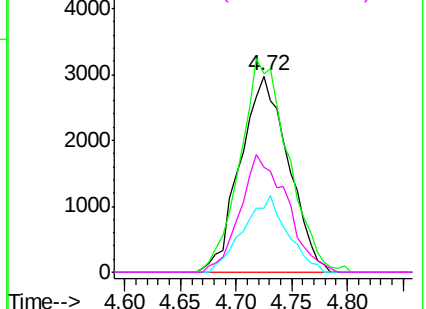


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

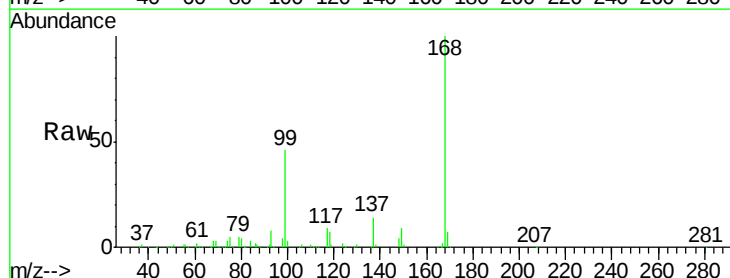
Tgt Ion: 56 Resp: 4370

Ion Ratio Lower Upper

56 100

69 172.1 28.0 42.0#

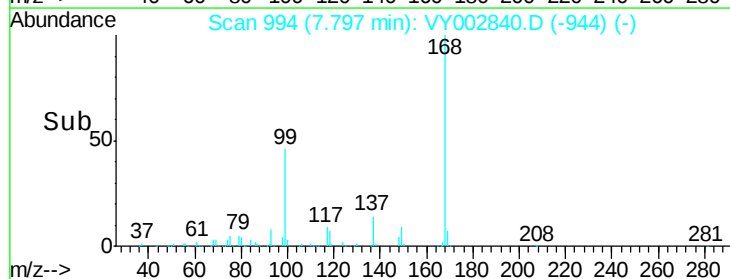
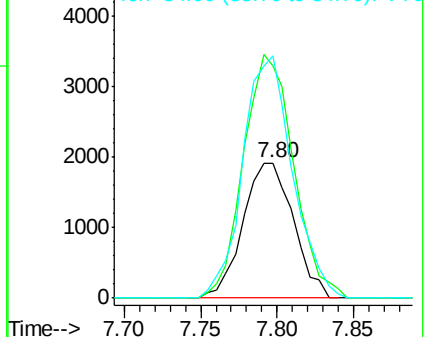
84 179.2 77.7 116.5#

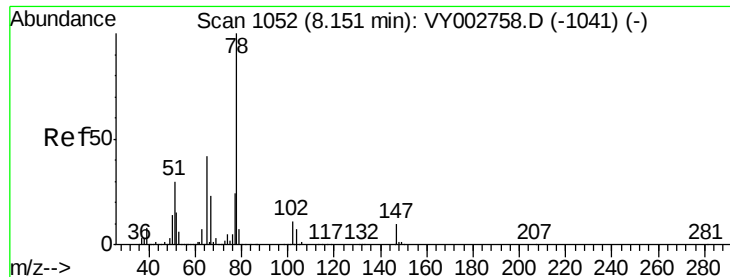


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

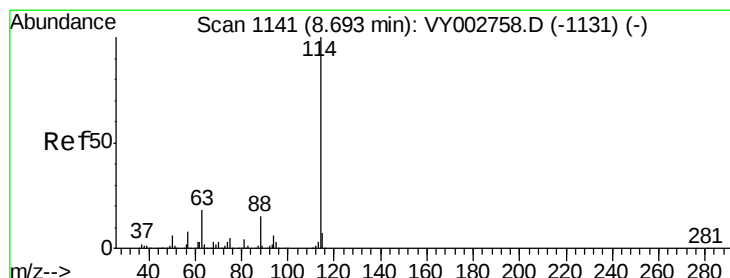
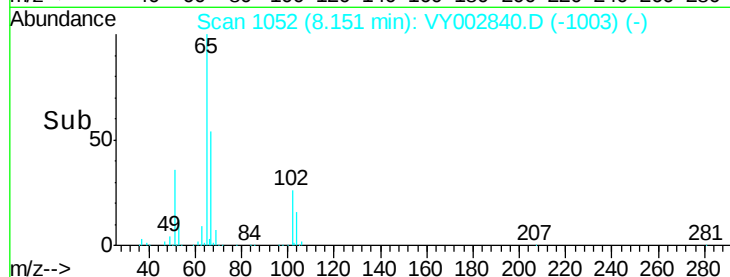
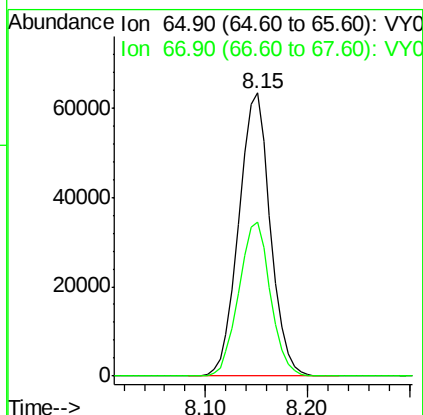
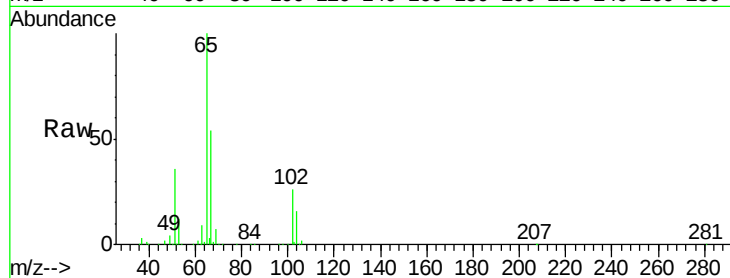




#33
 1,2-Dichloroethane-d4
 Concen: 56.17 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002840.D
 Acq: 04 Jun 2020 14:17

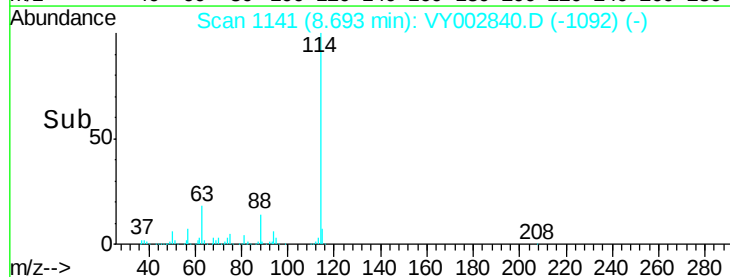
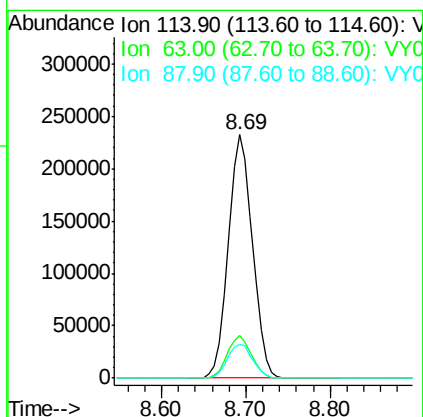
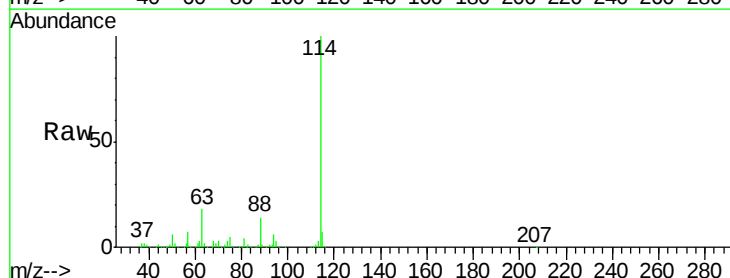
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-060320

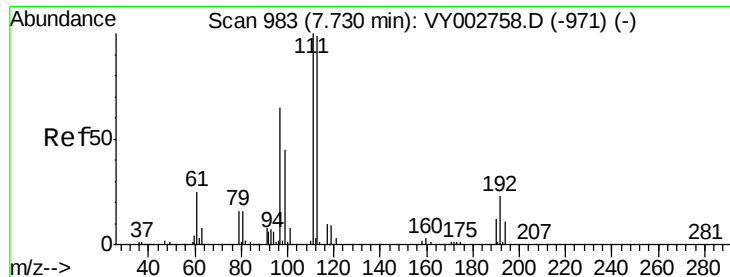
Tgt Ion: 65 Resp: 135672
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002840.D
 Acq: 04 Jun 2020 14:17

Tgt Ion: 114 Resp: 451379
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 13.9 0.0 29.2

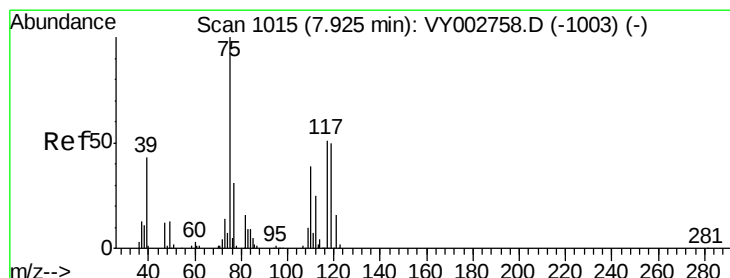
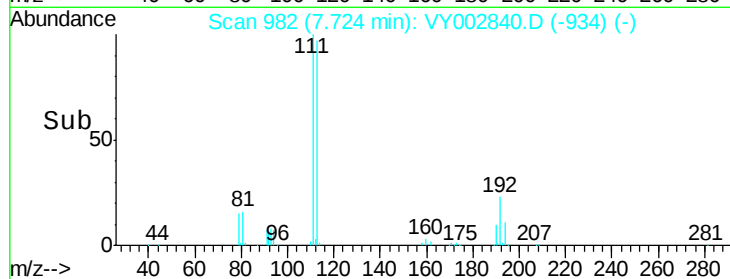
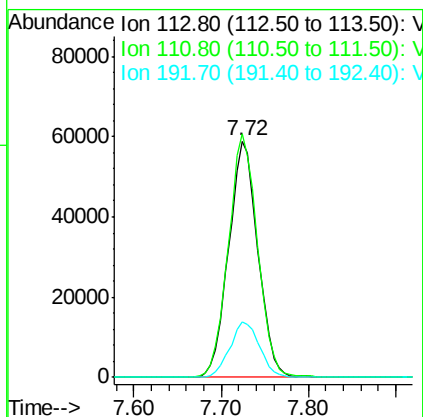
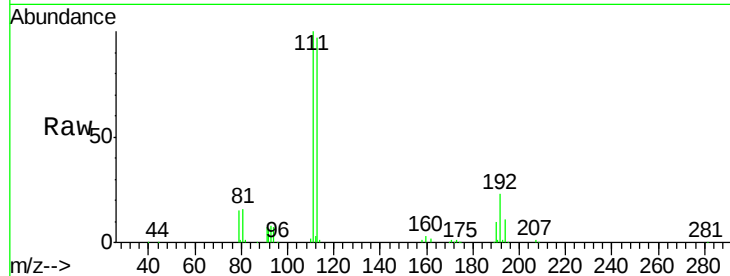




#35
 Dibromofluoromethane
 Concen: 51.64 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002840.D
 Acq: 04 Jun 2020 14:17

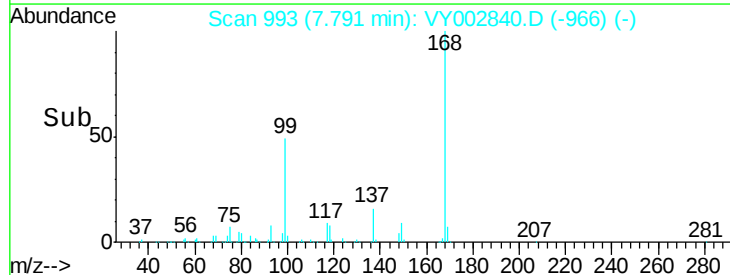
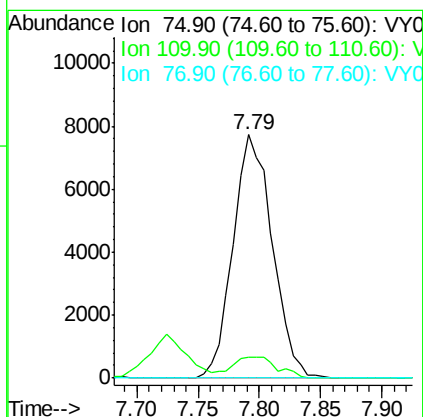
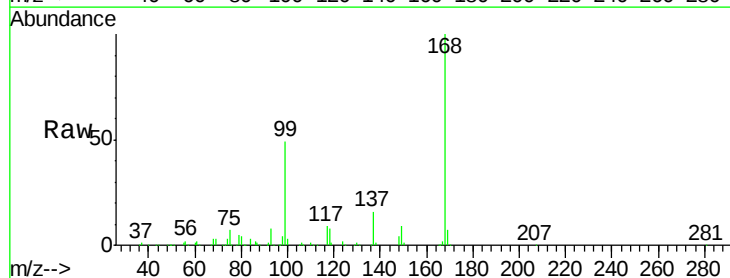
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-060320

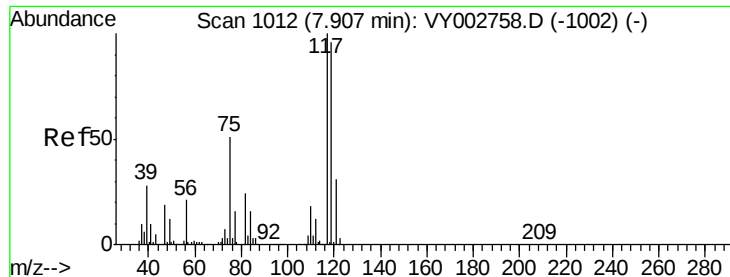
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.8	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.53 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002840.D
 Acq: 04 Jun 2020 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.82 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

Instrument :

MSVOA_Y

ClientSampled :

PL-01-060320

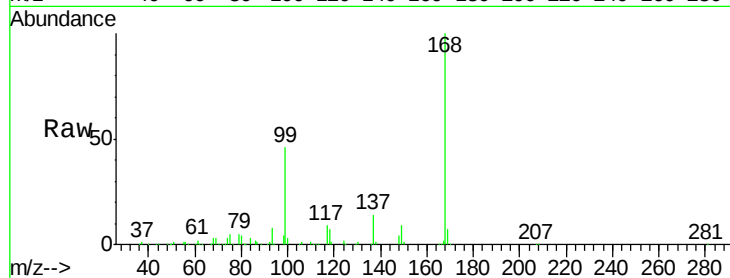
Tgt Ion:117 Resp: 24563

Ion Ratio Lower Upper

117 100

119 6.2 76.8 115.2#

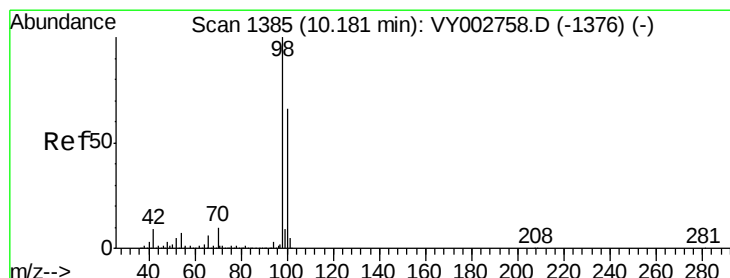
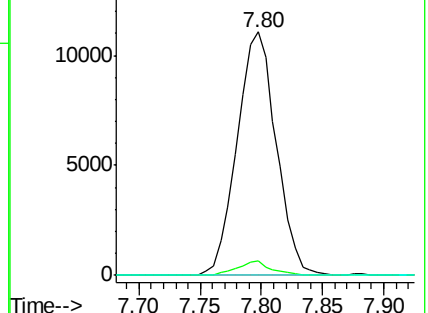
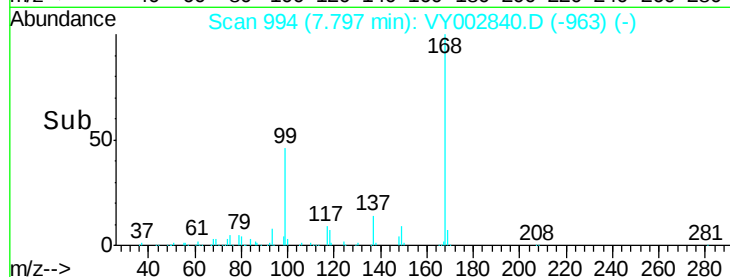
121 0.0 24.8 37.2#



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: 49.24 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002840.D

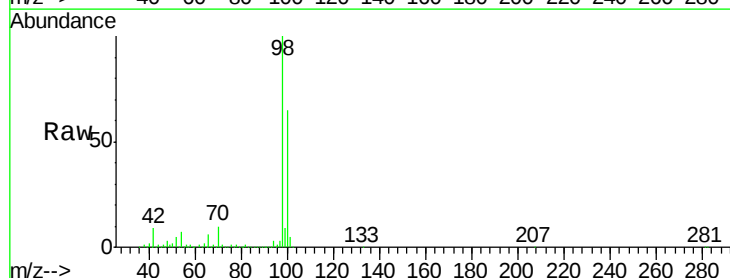
Acq: 04 Jun 2020 14:17

Tgt Ion: 98 Resp: 526611

Ion Ratio Lower Upper

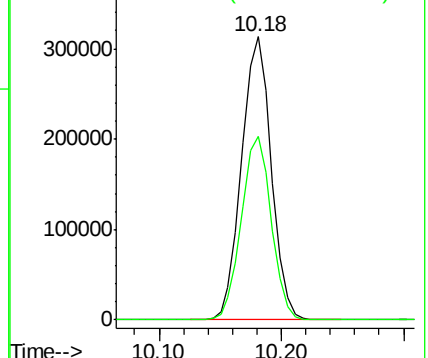
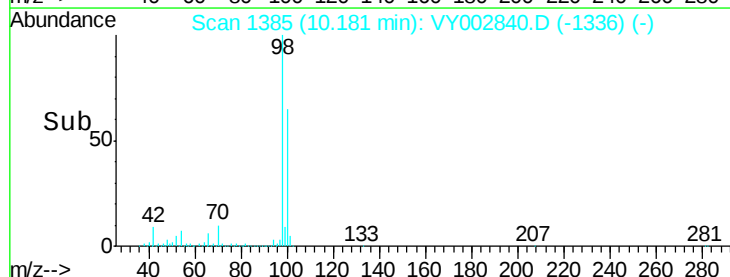
98 100

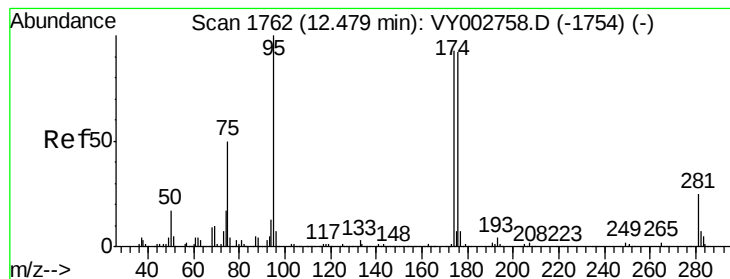
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.55 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-060320

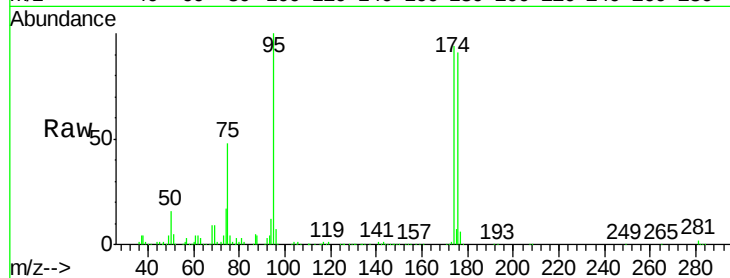
Tgt Ion: 95 Resp: 166494

Ion Ratio Lower Upper

95 100

174 94.9 0.0 191.2

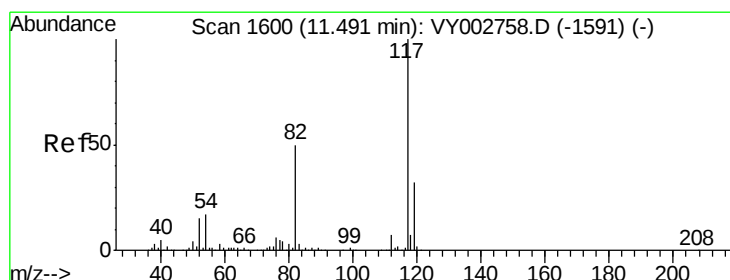
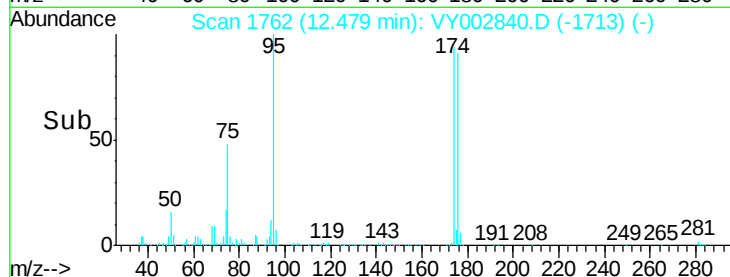
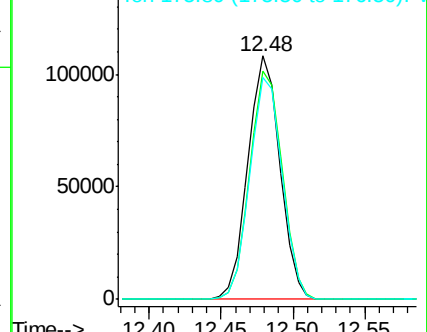
176 92.1 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002840.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002840.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002840.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

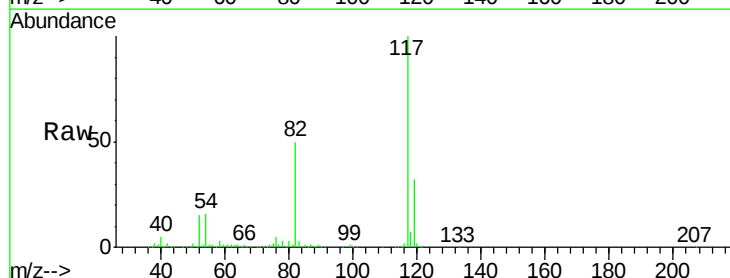
Tgt Ion: 117 Resp: 407756

Ion Ratio Lower Upper

117 100

82 50.4 40.2 60.4

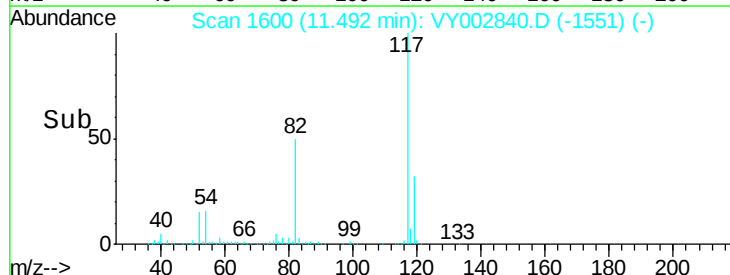
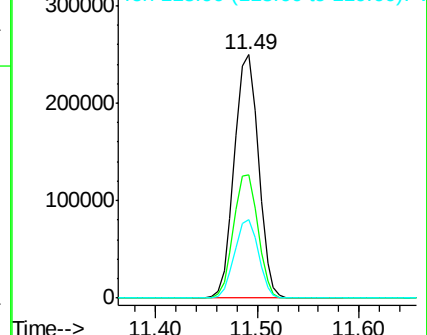
119 32.3 25.8 38.8

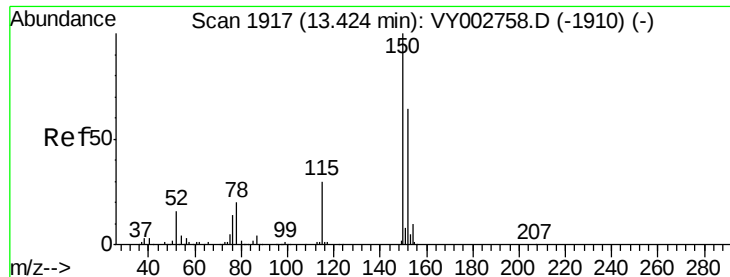


Abundance Ion 116.90 (116.60 to 117.60): VY002840.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002840.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002840.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-060320

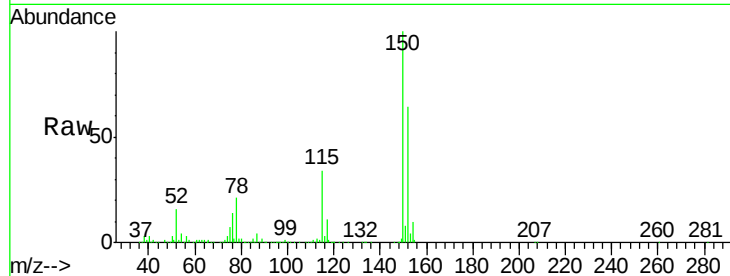
Tgt Ion: 152 Resp: 186649

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

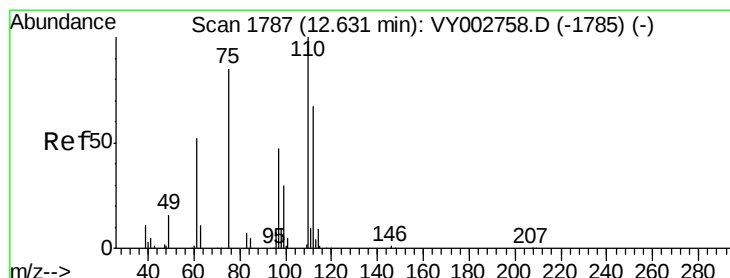
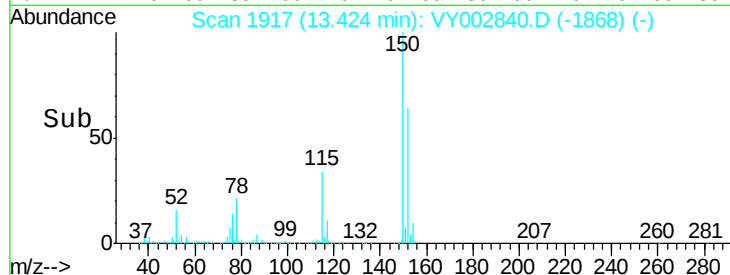
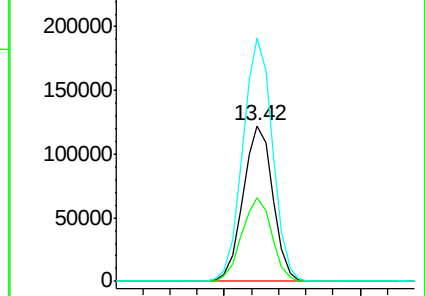
150 156.2 0.0 344.8



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: 47.36 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002840.D

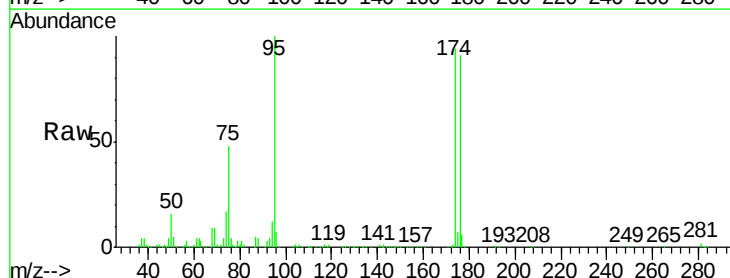
Acq: 04 Jun 2020 14:17

Tgt Ion: 75 Resp: 79655

Ion Ratio Lower Upper

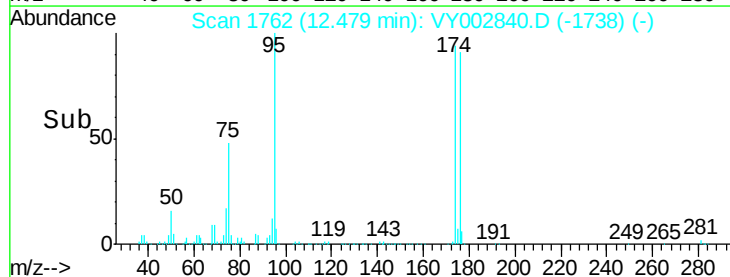
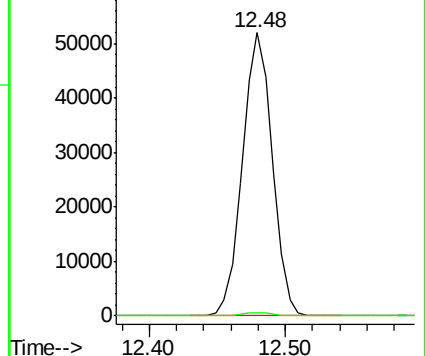
75 100

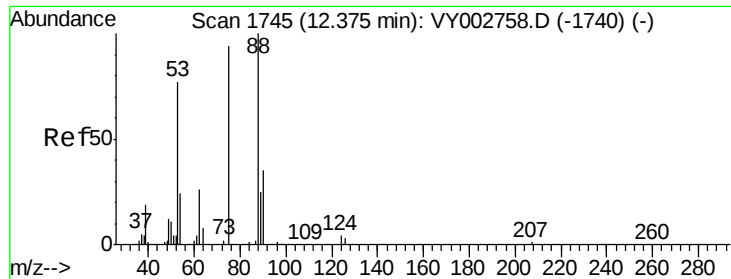
77 1.2 0.0 0.0#



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: 89.23 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002840.D

Acq: 04 Jun 2020 14:17

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-060320

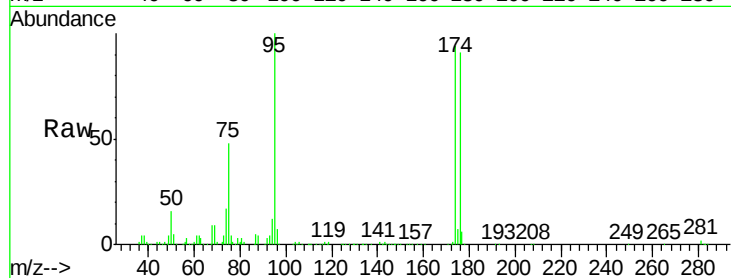
Tgt Ion: 75 Resp: 79655

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



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

