

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002489.D
 Acq On : 28 Apr 2020 13:14
 Operator : SY/MD
 Sample : L2422-01
 Misc : 8.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 15:10:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

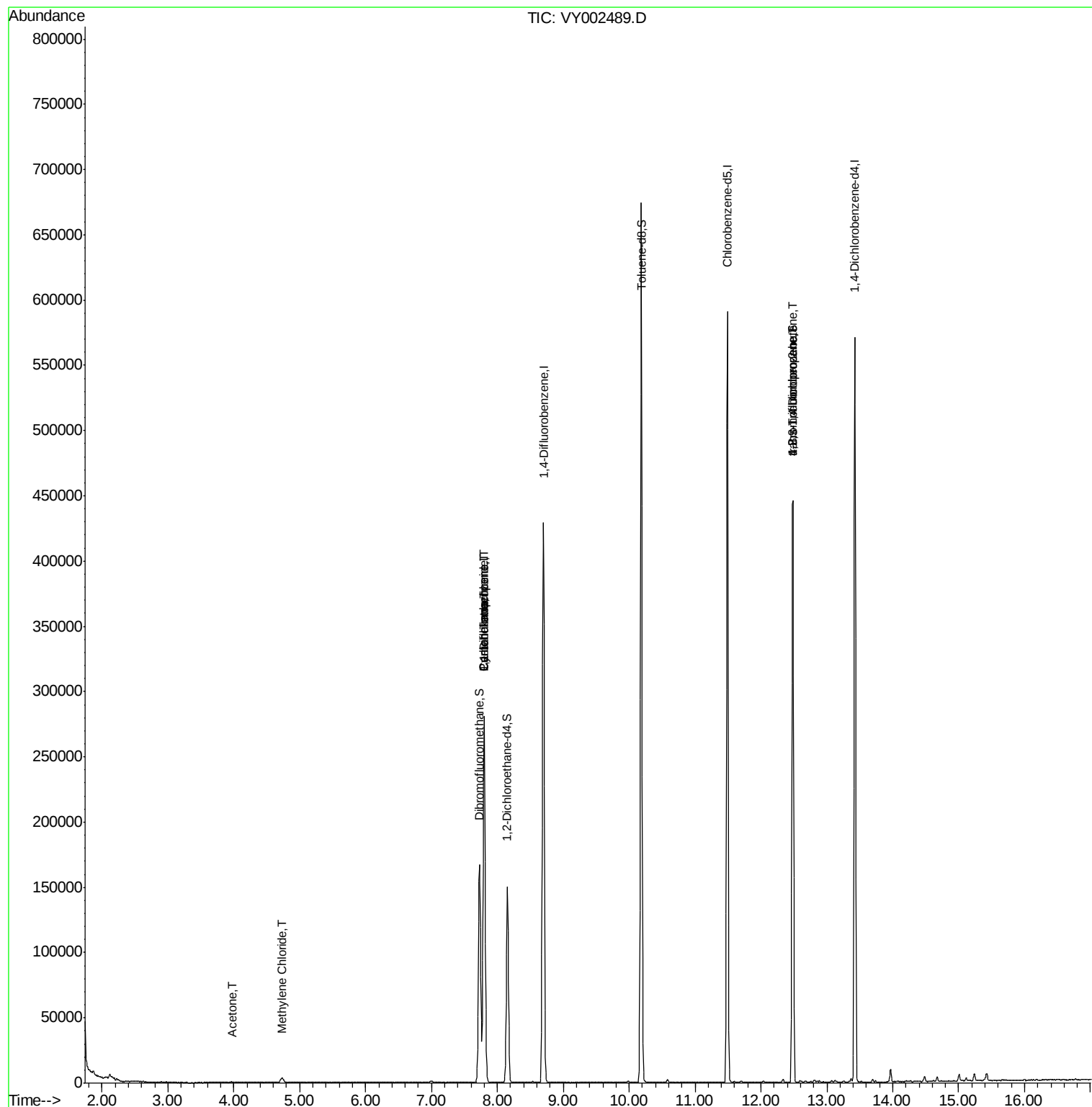
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232551	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	388962	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	326854	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	155806	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122195	60.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	120.24%	
35) Dibromofluoromethane	7.73	113	113867	51.90	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.18	98	453151	51.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.48	95	135365	45.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	584	1.375	ug/l #	42
20) Methylene Chloride	4.74	84	3218	1.327	ug/l	88
31) Cyclohexane	7.80	56	3743	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14064	4.217	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21694	5.656	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	68125	51.589	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	68125	95.464	ug/l #	15

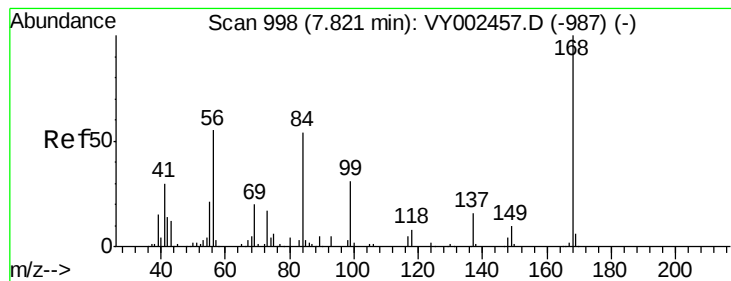
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
Data File : VY002489.D
Acq On : 28 Apr 2020 13:14
Operator : SY/MD
Sample : L2422-01
Misc : 8.45G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 28 15:10:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

Instrument :

MSVOA_Y

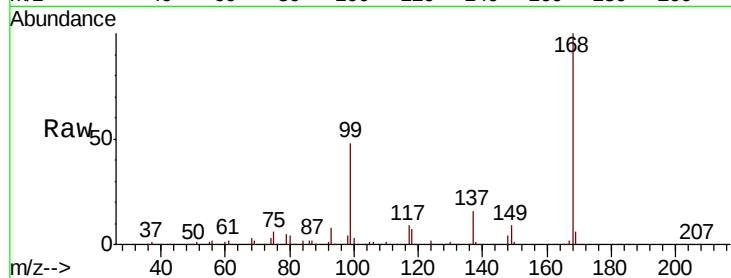
ClientSampleId :

Tot Ion:168 Resp: 232551

Ion Ratio Lower Upper

168 100

99 47.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.80

100000

80000

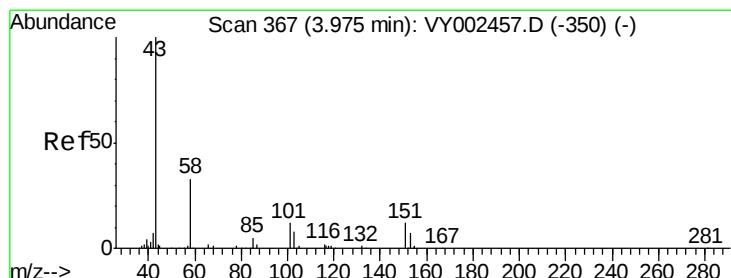
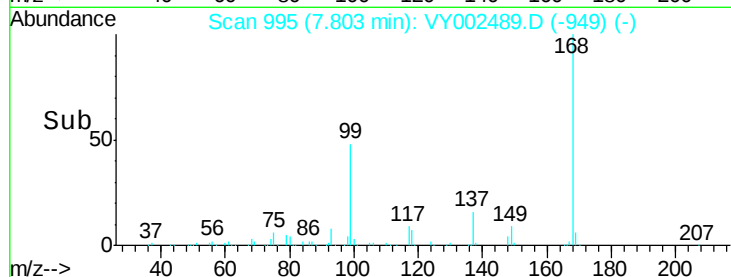
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.375 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002489.D

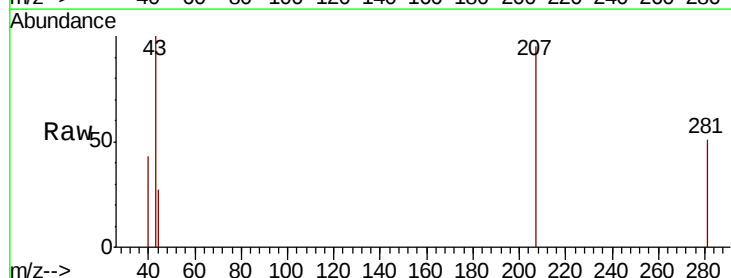
Acq: 28 Apr 2020 13:14

Tgt Ion: 43 Resp: 584

Ion Ratio Lower Upper

43 100

58 0.0 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

3.97

300

250

200

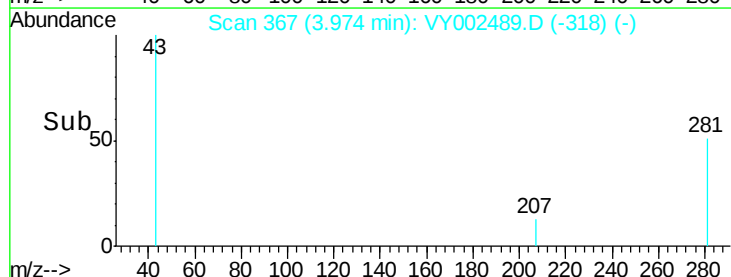
150

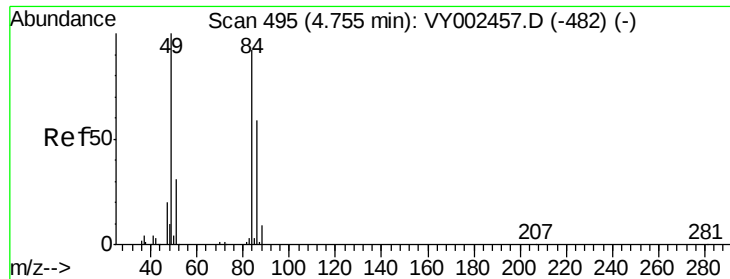
100

50

0

Time-->

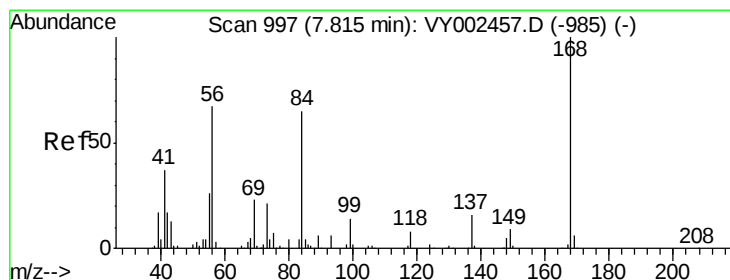
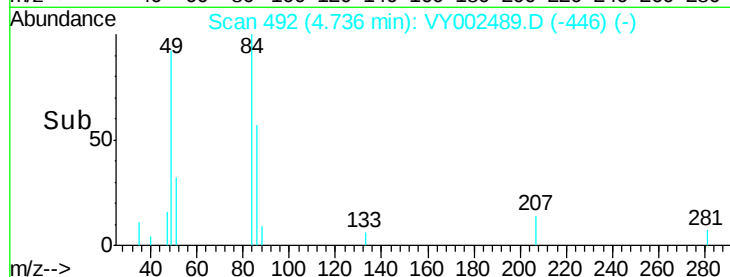
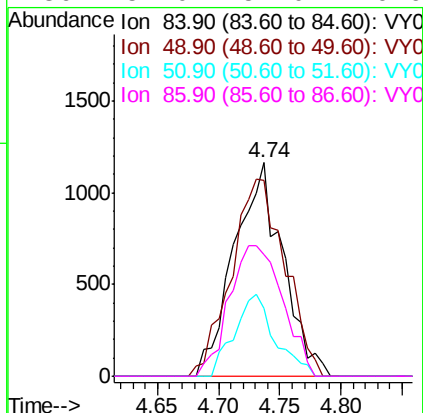
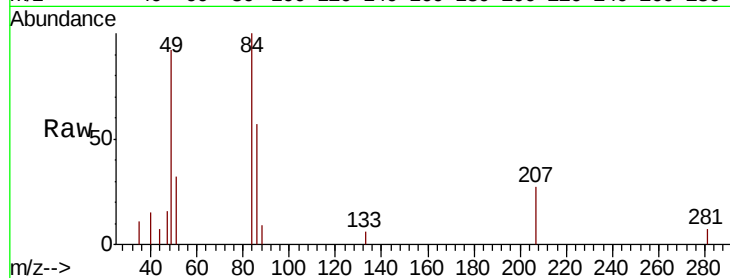




#20
Methvlene Chloride
Concen: 1.327 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002489.D
Acq: 28 Apr 2020 13:14

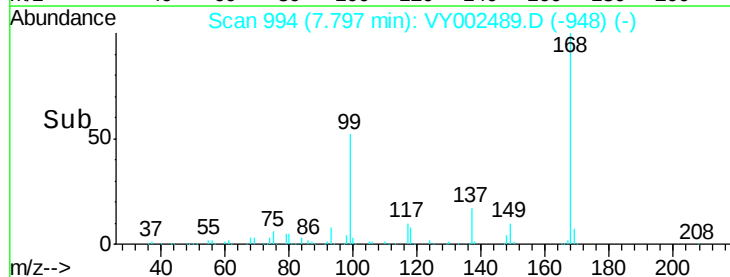
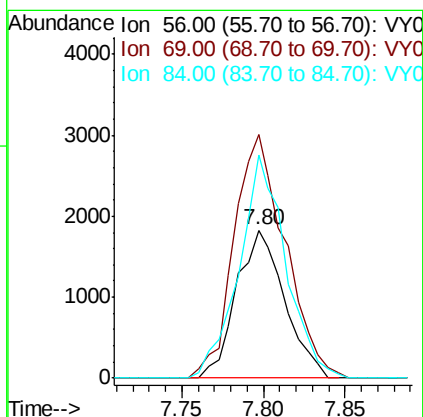
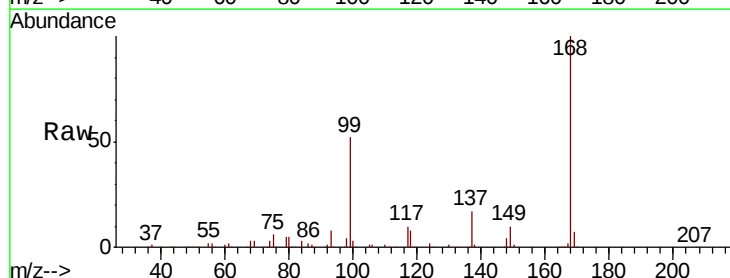
Instrument :
MSVOA_Y
ClientSampleId :

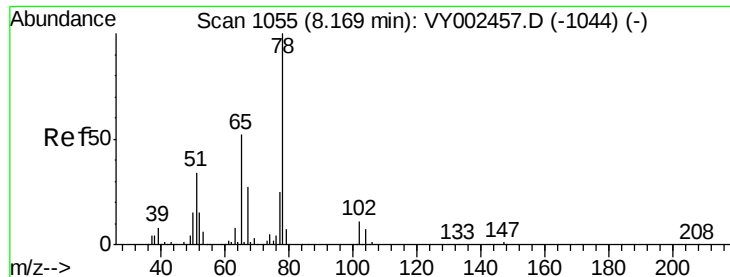
Tot Ion:	84	Resp:	3218
Ion	Ratio	Lower	Upper
84	100		
49	91.8	86.9	130.3
51	31.7	27.3	40.9
86	57.0	51.0	76.6



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY002489.D
Acq: 28 Apr 2020 13:14

Tgt Ion:	56	Resp:	3743
Ion	Ratio	Lower	Upper
56	100		
69	164.2	27.0	40.6#
84	150.9	77.4	116.2#

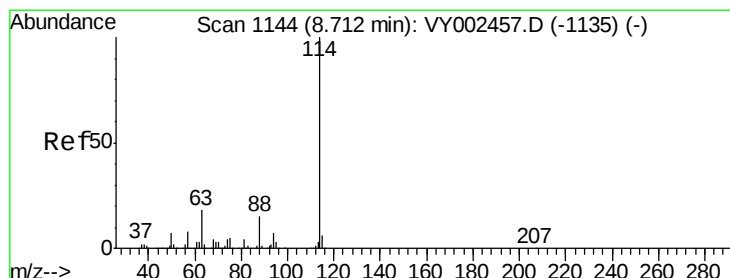
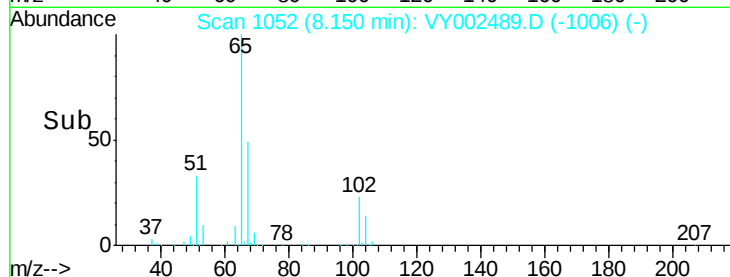
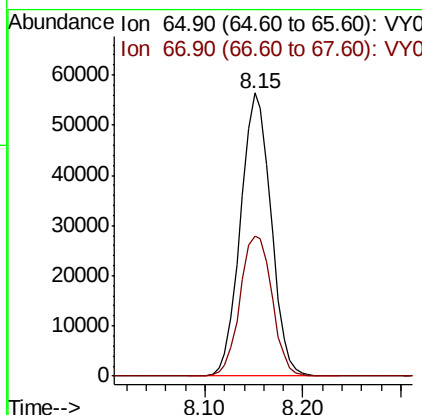
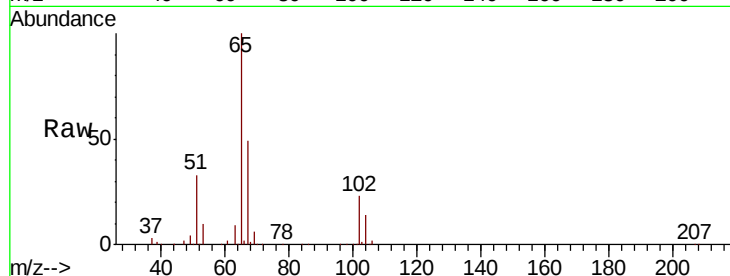




#33
 1,2-Dichloroethane-d4
 Concen: 60.118 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002489.D
 Acq: 28 Apr 2020 13:14

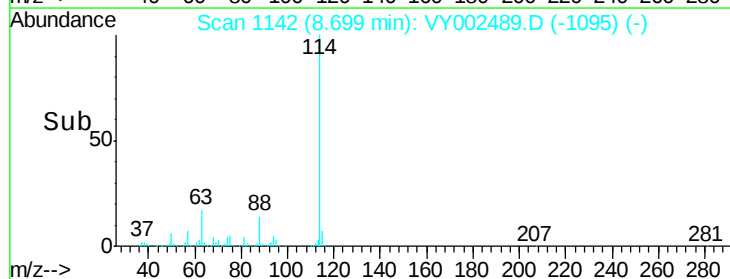
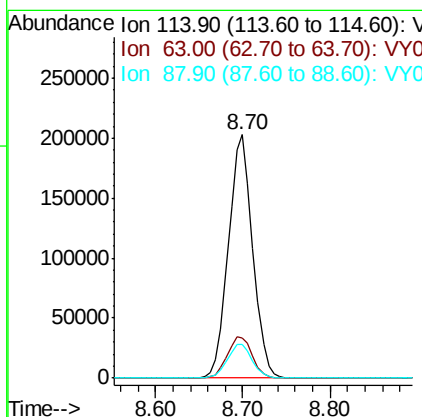
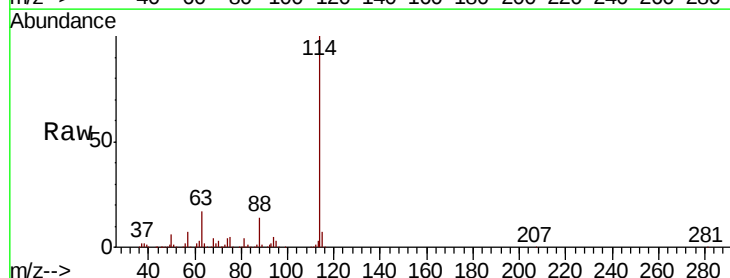
Instrument :
 MSVOA_Y
 ClientSampleId :

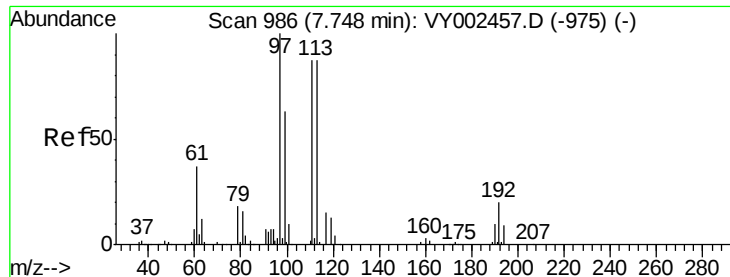
Tot Ion: 65 Resp: 122195
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002489.D
 Acq: 28 Apr 2020 13:14

Tgt Ion: 114 Resp: 388962
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.6
 88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.900 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :

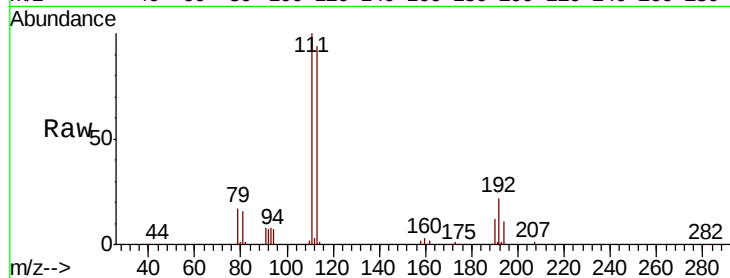
Tot Ion:113 Resp: 113867

Ion Ratio Lower Upper

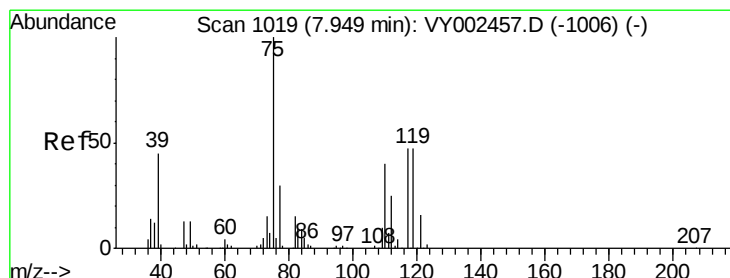
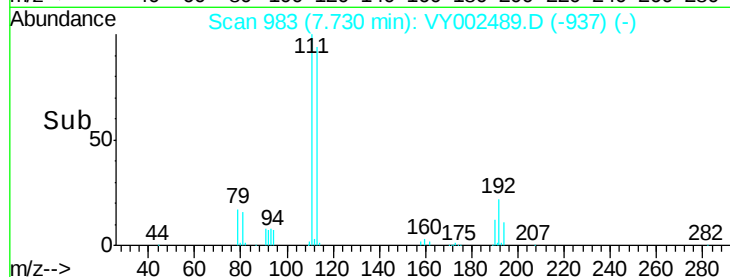
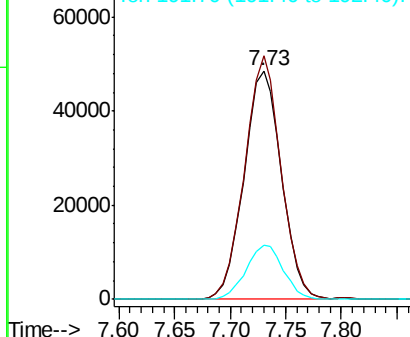
113 100

111 103.1 81.0 121.4

192 23.7 18.6 27.8



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: 4.217 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.15 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

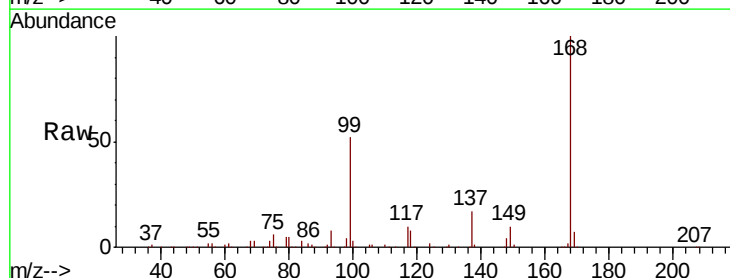
Tgt Ion: 75 Resp: 14064

Ion Ratio Lower Upper

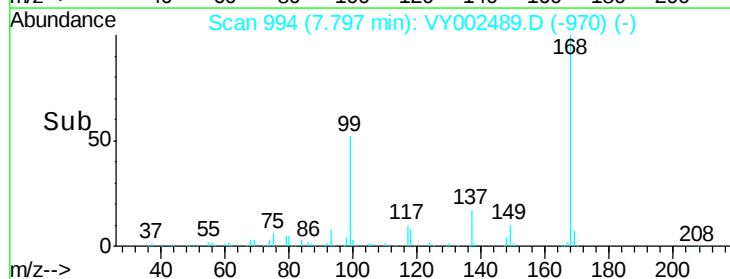
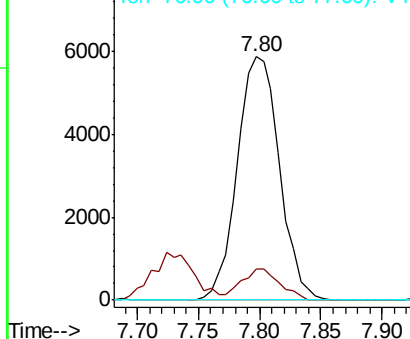
75 100

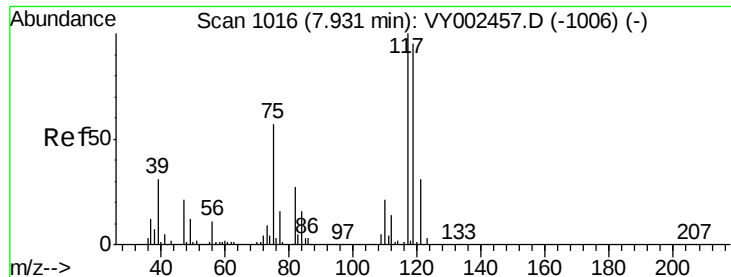
110 11.4 19.4 58.4#

77 0.0 24.7 37.1#



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: 5.656 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

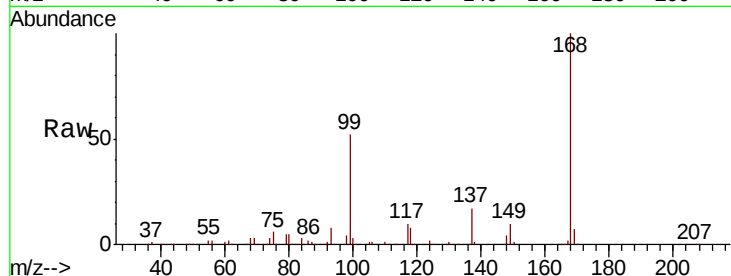
Tot Ion:117 Resp: 21694

Ion Ratio Lower Upper

117 100

119 5.0 75.9 113.9#

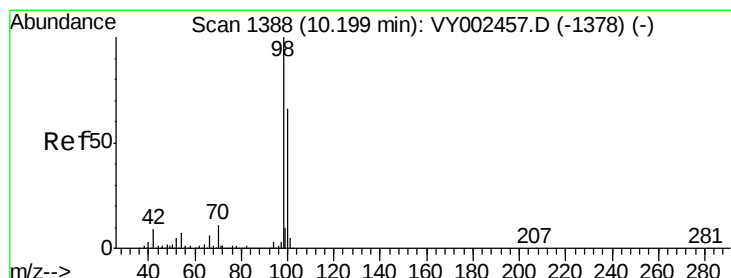
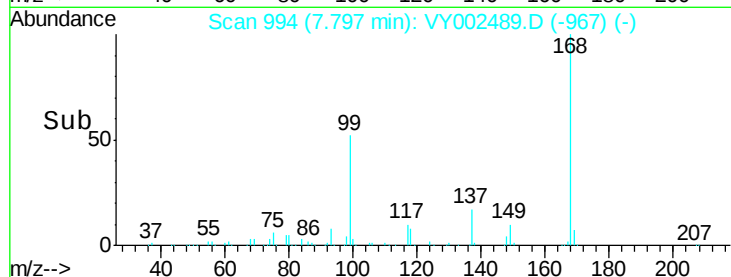
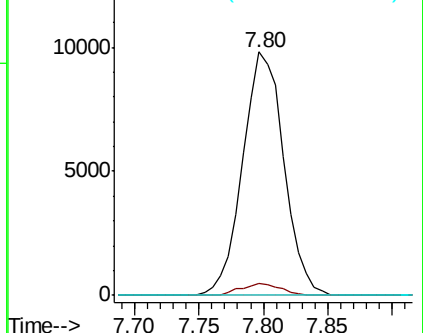
121 0.0 24.5 36.7#



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: 51.389 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.02 min

Lab File: VY002489.D

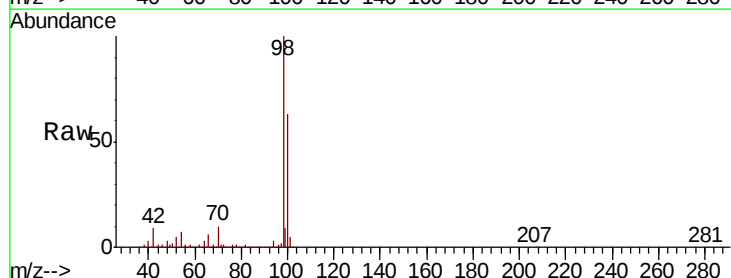
Acq: 28 Apr 2020 13:14

Tgt Ion: 98 Resp: 453151

Ion Ratio Lower Upper

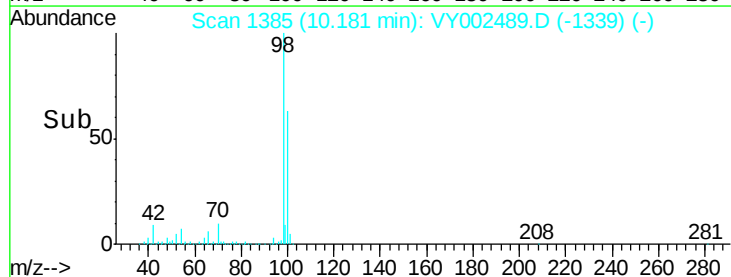
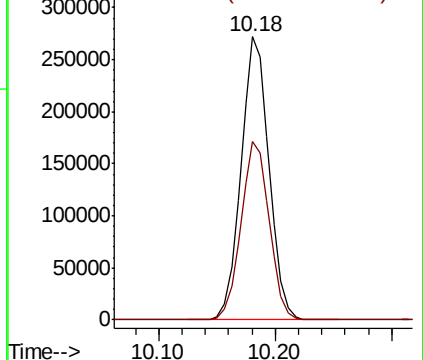
98 100

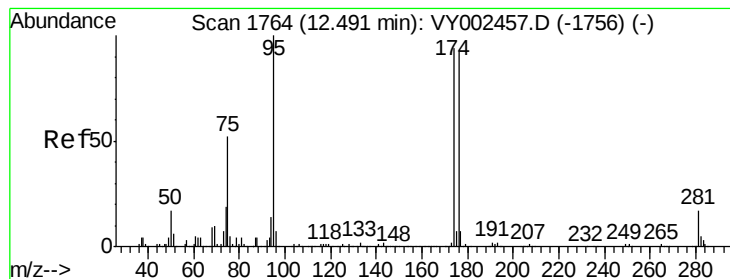
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.750 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

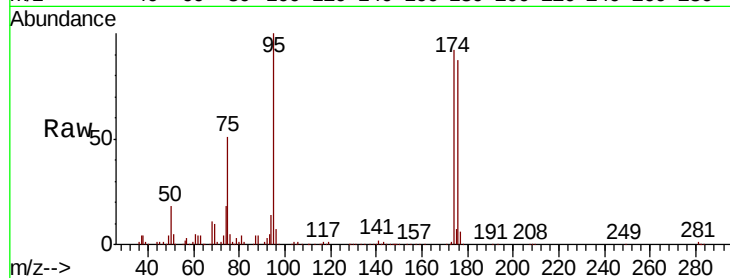
Tot Ion: 95 Resp: 135365

Ion Ratio Lower Upper

95 100

174 96.9 0.0 193.0

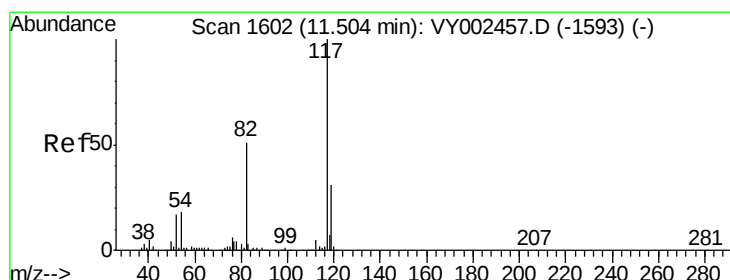
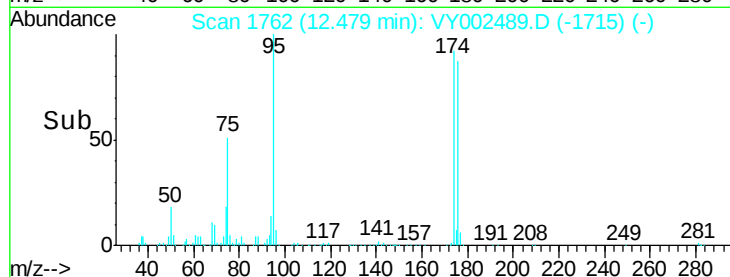
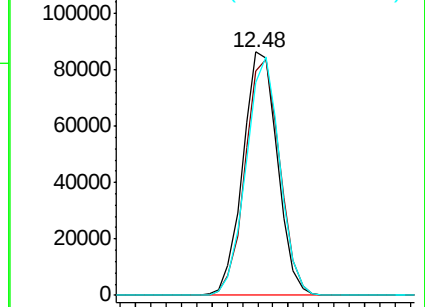
176 95.3 0.0 190.4



Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

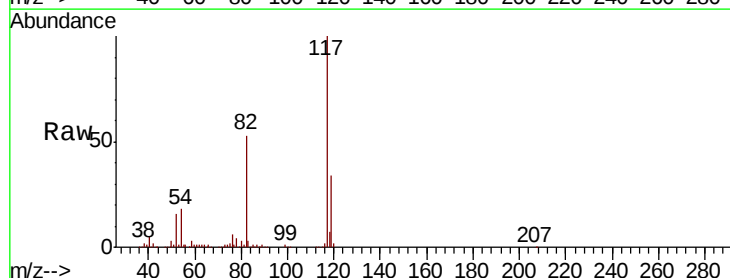
Tgt Ion: 117 Resp: 326854

Ion Ratio Lower Upper

117 100

82 53.2 40.8 61.2

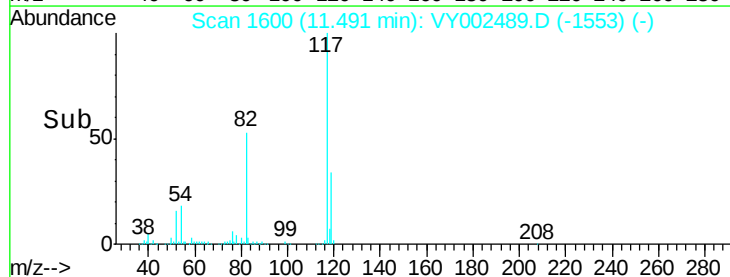
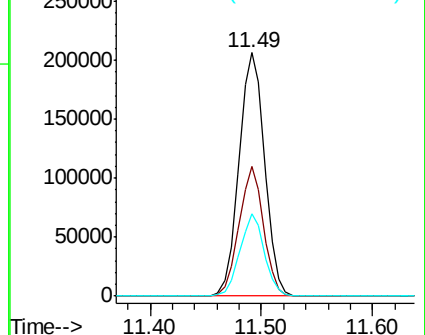
119 33.7 25.2 37.8

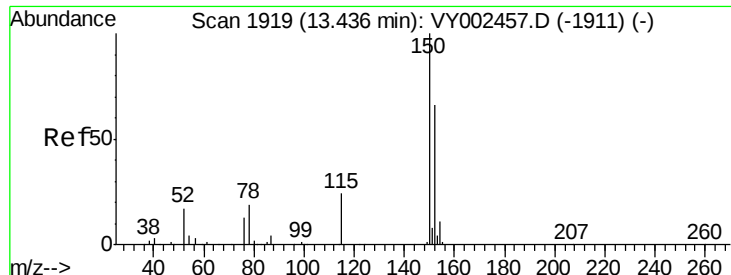


Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)



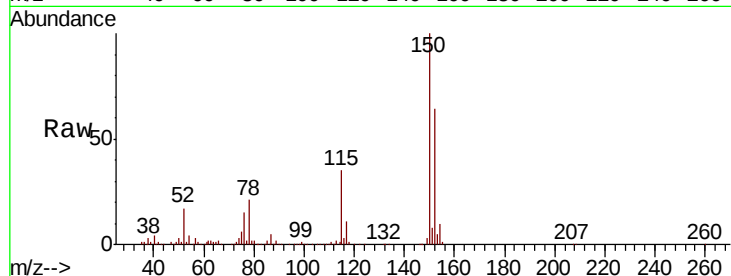


#72

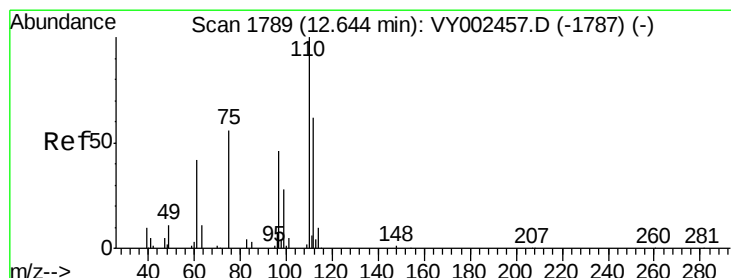
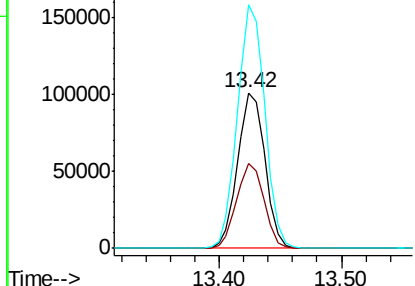
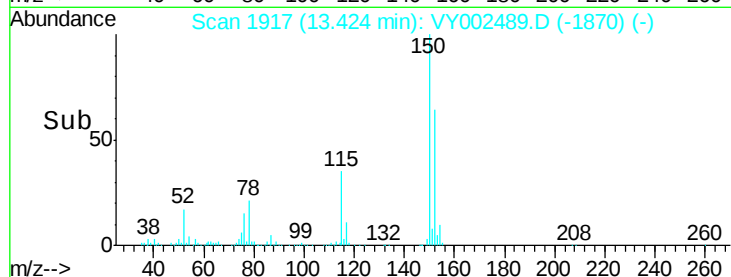
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002489.D
Acq: 28 Apr 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.8
150	156.9	0.0	346.8



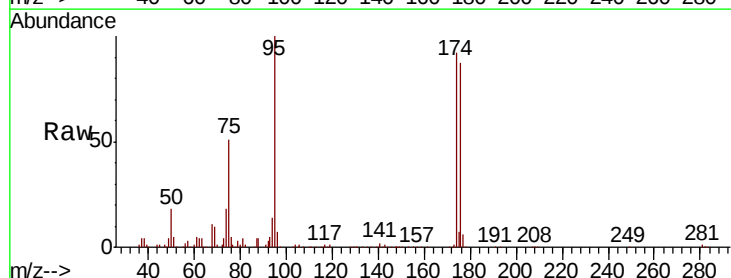
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



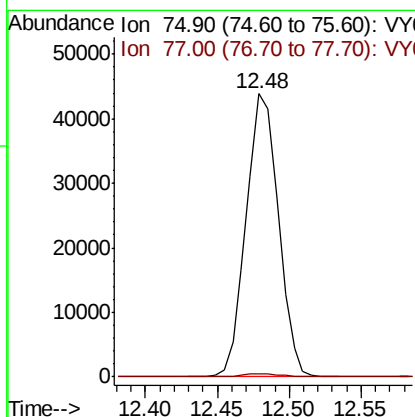
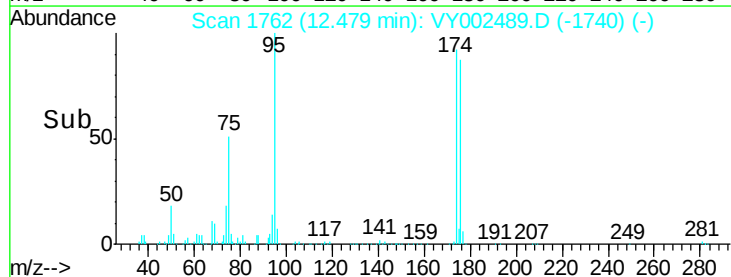
#76

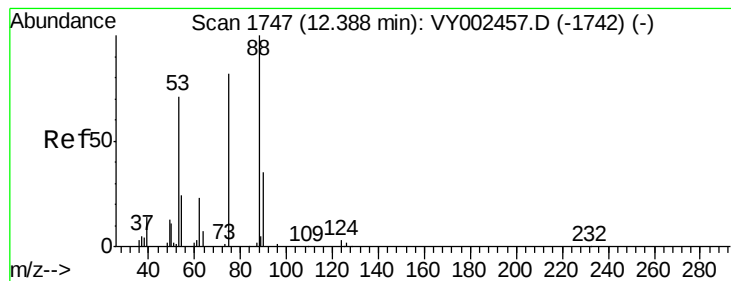
1,2,3-Trichloropropane
Concen: 51.589 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002489.D
Acq: 28 Apr 2020 13:14

Tgt 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: 95.464 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002489.D

Acq: 28 Apr 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

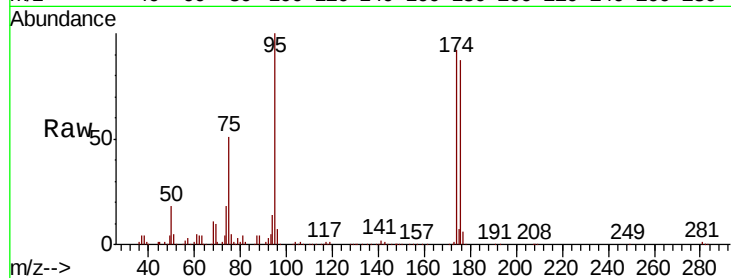
Tot Ion: 75 Resp: 68125

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.1 34.9 52.3#



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

