

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002213.D
 Acq On : 03 Apr 2020 12:36
 Operator : SY/MD
 Sample : L2110-01
 Misc : 7.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-040220

Quant Time: Apr 04 00:18:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

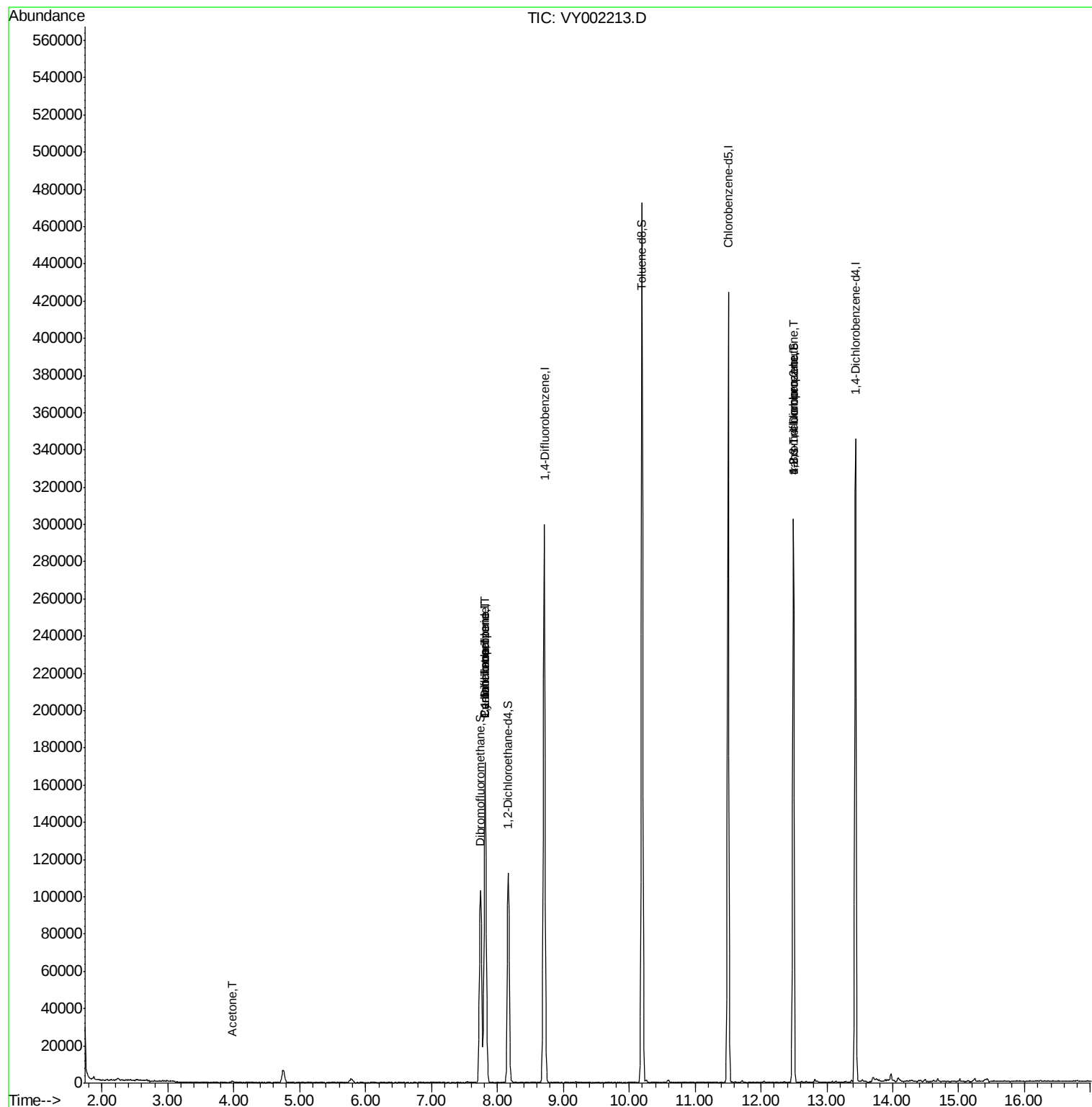
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	126813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	257147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	227617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	83297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82604	58.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.84%	
35) Dibromofluoromethane	7.74	113	76023	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.19	98	310451	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.49	95	98991	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
Target Compounds						
16) Acetone	3.97	43	1301	3.303	ug/l	91
20) Methylene Chloride	4.75	84	4998	Below Cal	#	89
31) Cyclohexane	7.82	56	2968	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10790	4.436	ug/l #	44
38) Carbon Tetrachloride	7.82	117	13224	6.408	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	49803	53.451	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49803	103.553	ug/l #	17

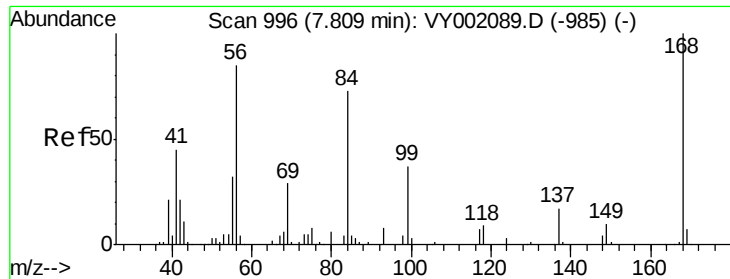
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

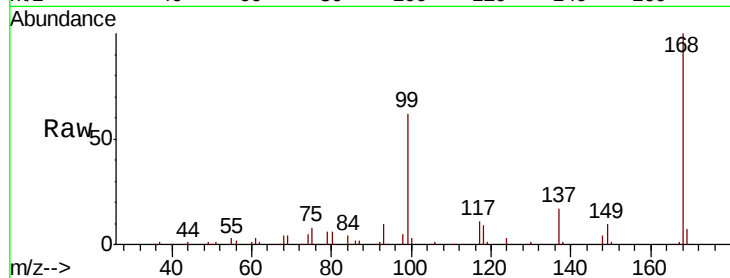
AU-05-040220

Tot Ion:168 Resp: 126813

Ion Ratio Lower Upper

168 100

99 61.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.82

60000

50000

40000

30000

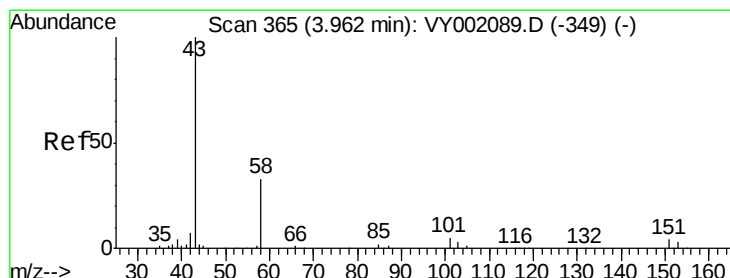
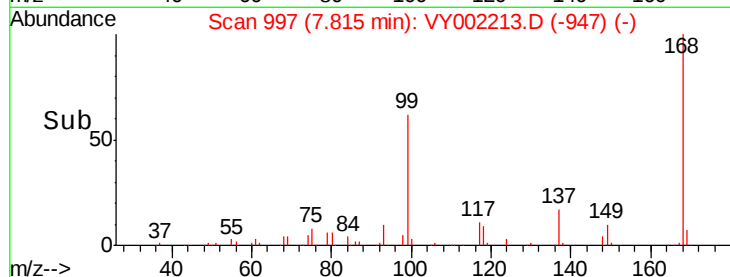
20000

10000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 3.303 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002213.D

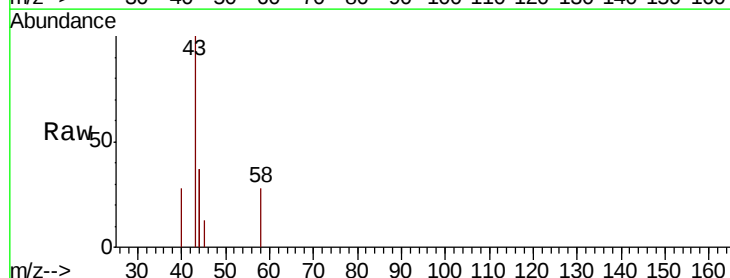
Acq: 03 Apr 2020 12:36

Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 28.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

3.97

500

400

300

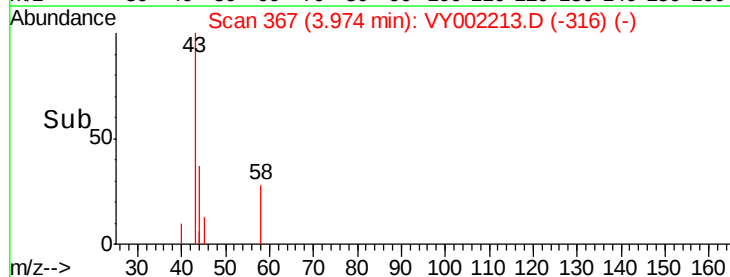
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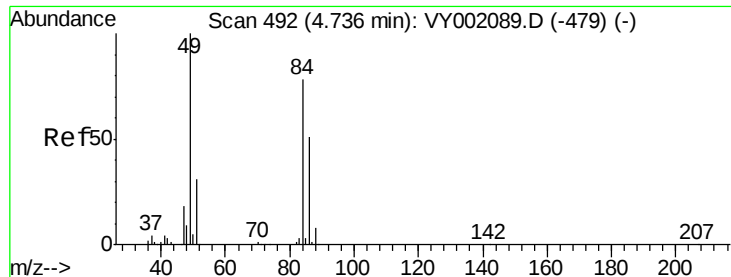
100

0

Time-->

3.90 3.95 4.00 4.05

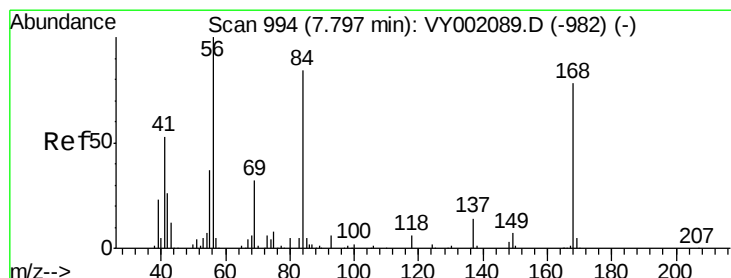
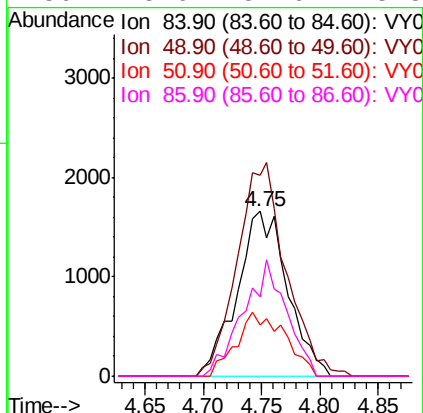
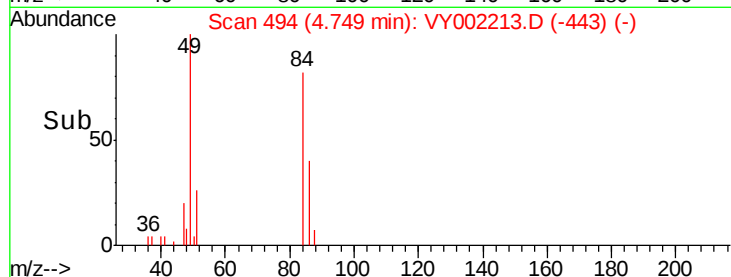
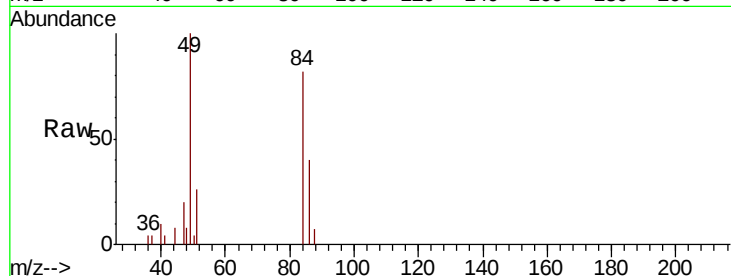




#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

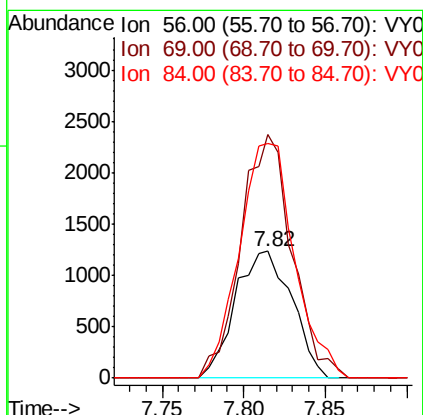
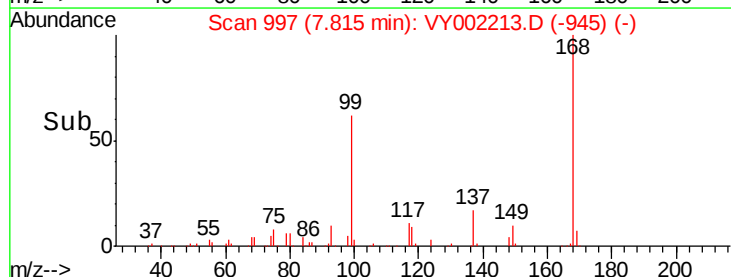
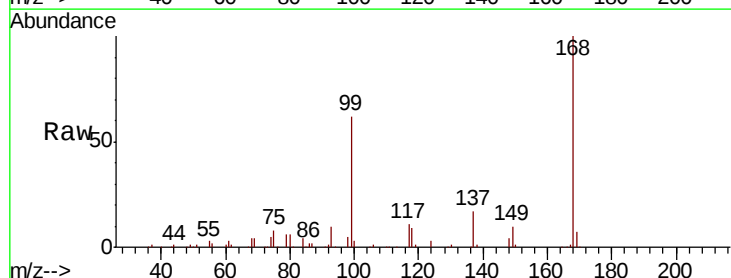
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-040220

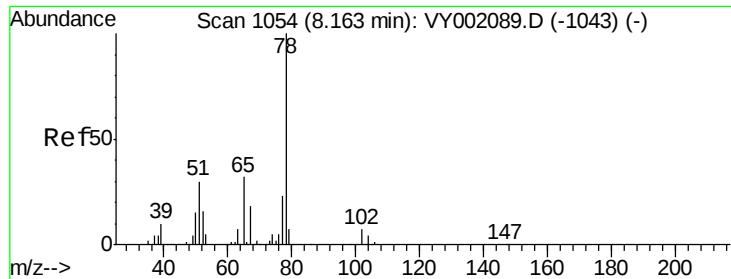
Tot Ion	Ratio	Lower	Upper
84	100		
49	122.4	102.2	153.4
51	31.3	31.2	46.8
86	48.6	52.6	78.8#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

Tgt Ion	Ratio	Lower	Upper
56	100		
69	191.7	25.8	38.8#
84	190.2	67.1	100.7#





#33

1,2-Dichloroethane-d4

Concen: 58.924 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

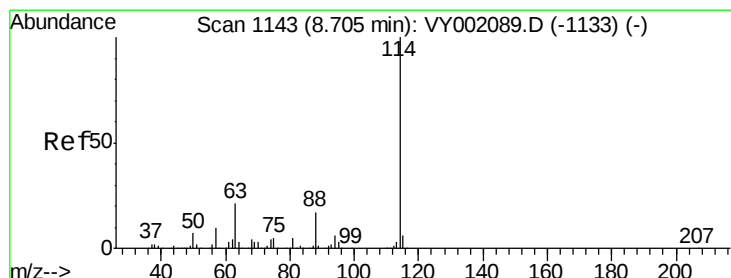
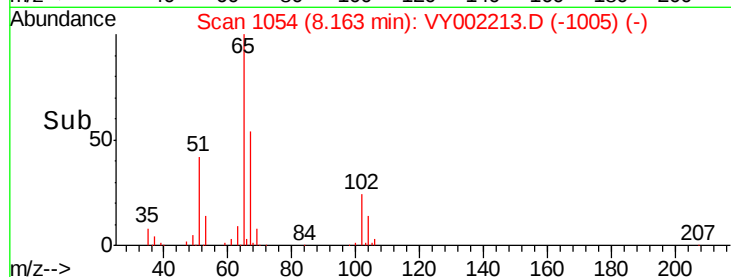
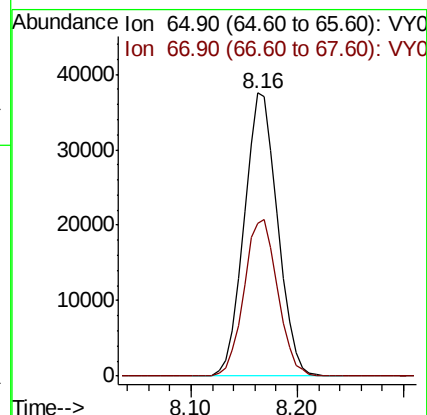
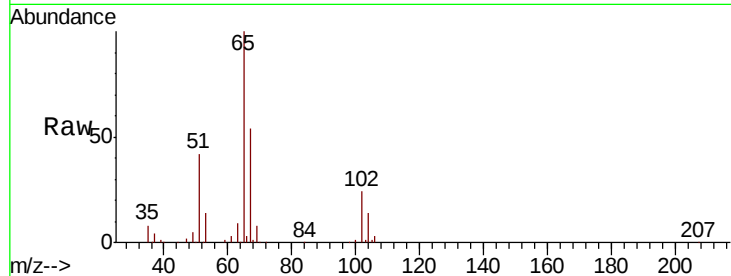
AU-05-040220

Tot Ion: 65 Resp: 82604

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

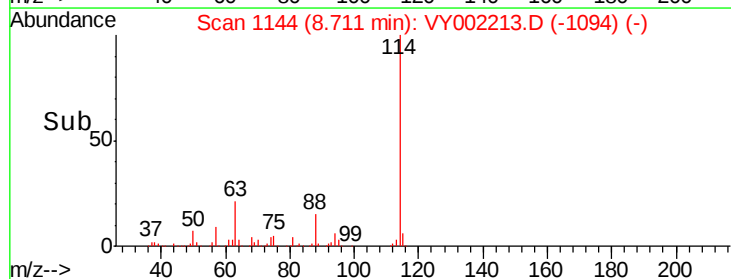
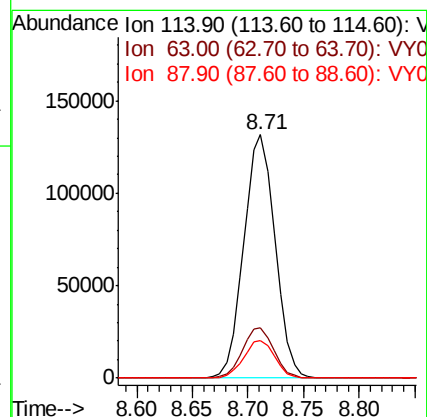
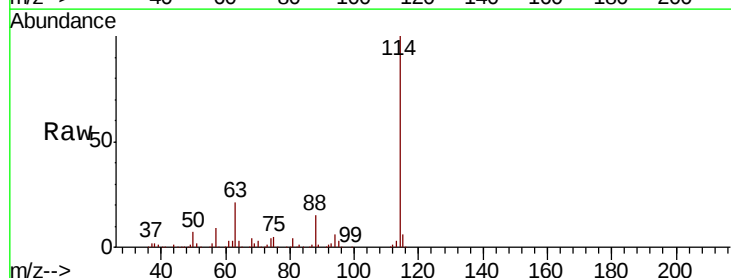
Tgt Ion: 114 Resp: 257147

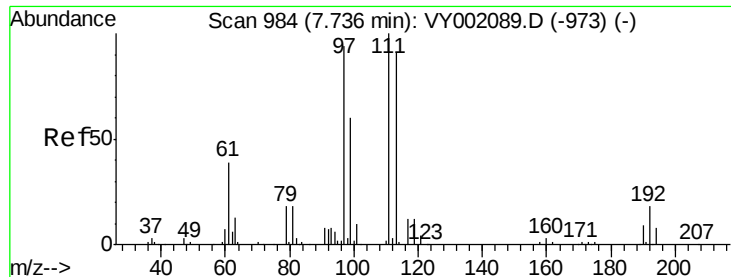
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.5 0.0 33.0

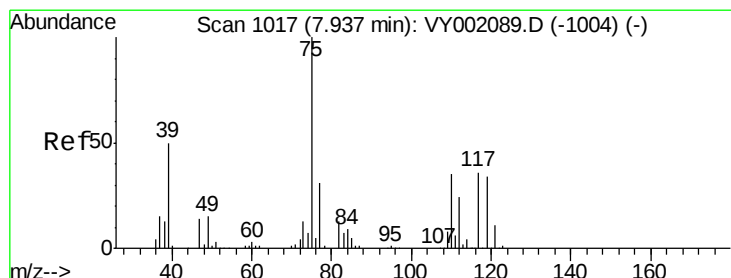
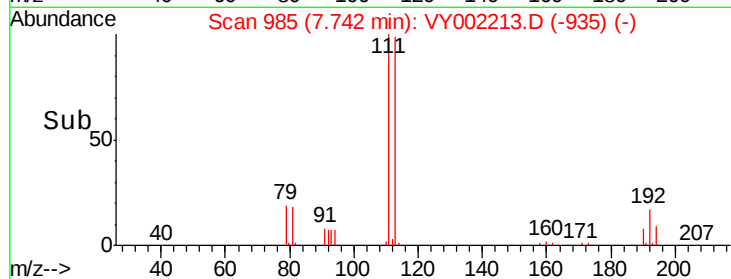
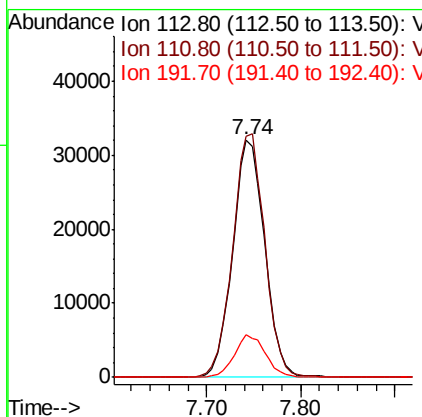
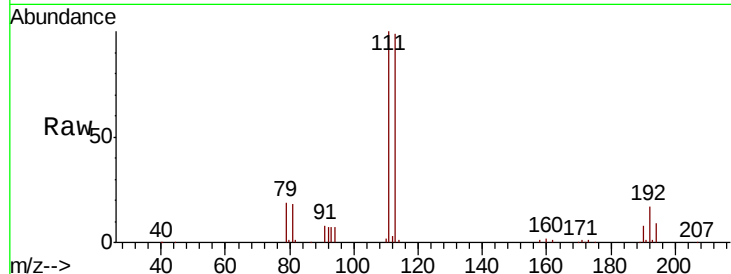




#35
 Dibromofluoromethane
 Concen: 52.763 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002213.D
 Acq: 03 Apr 2020 12:36

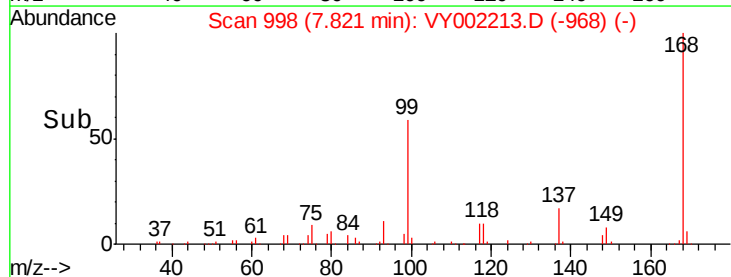
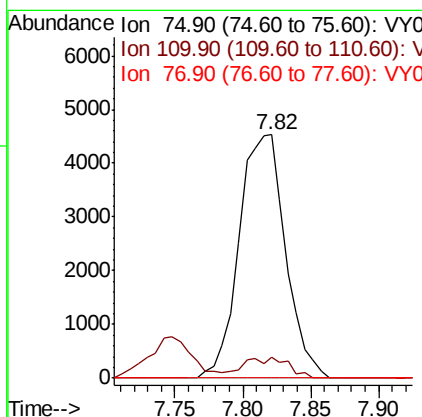
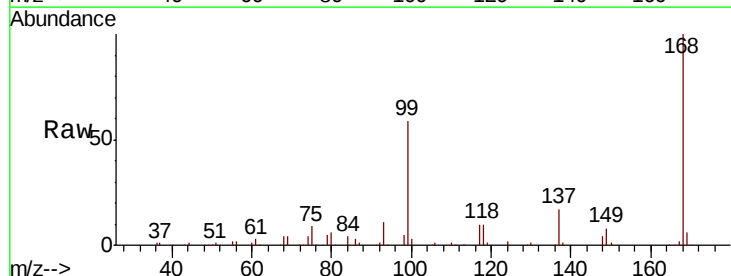
Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-040220

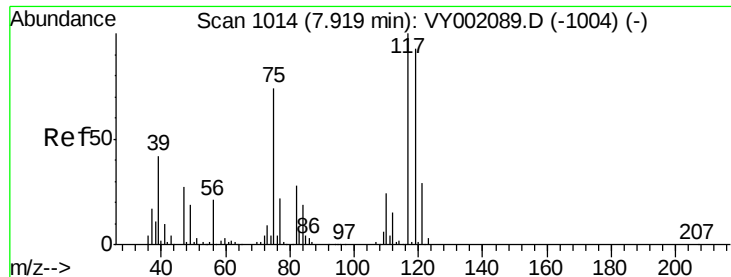
Tot Ion:113 Resp: 76023
 Ion Ratio Lower Upper
 113 100
 111 102.5 84.4 126.6
 192 17.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.436 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY002213.D
 Acq: 03 Apr 2020 12:36

Tgt Ion: 75 Resp: 10790
 Ion Ratio Lower Upper
 75 100
 110 2.6 17.2 51.6#
 77 0.0 24.7 37.1#

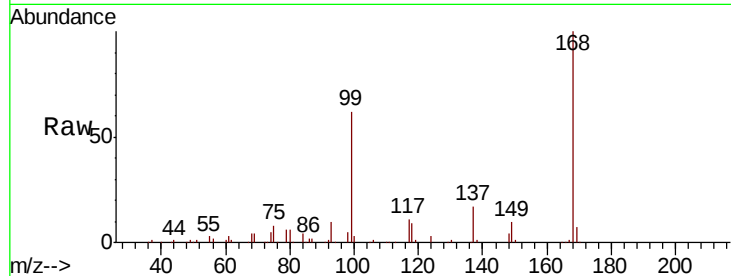




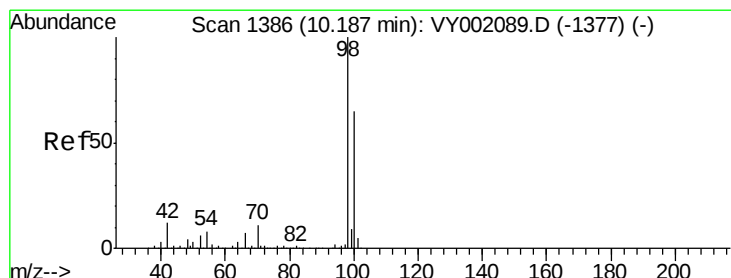
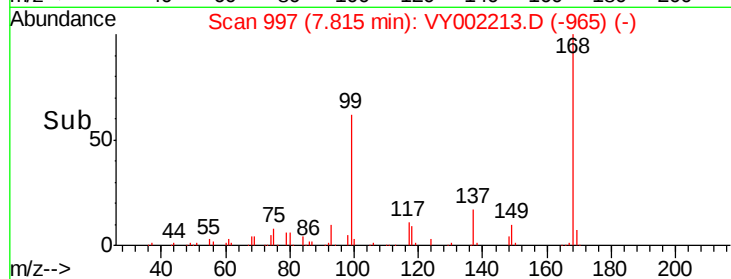
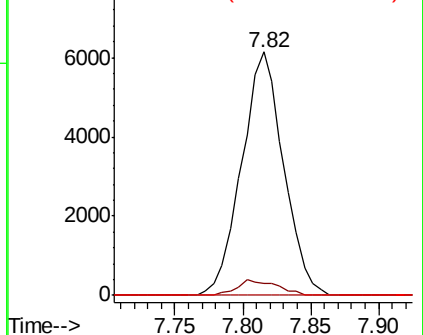
#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
AU-05-040220

Tot Ion:117 Resp: 13224
Ion Ratio Lower Upper
117 100
119 4.7 74.3 111.5#
121 0.0 23.3 34.9#

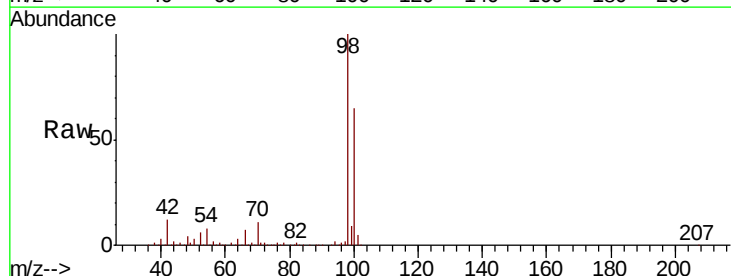


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

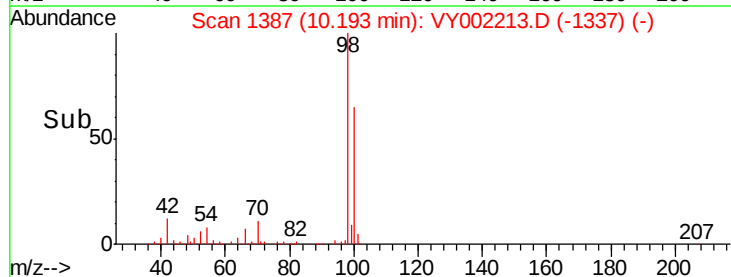
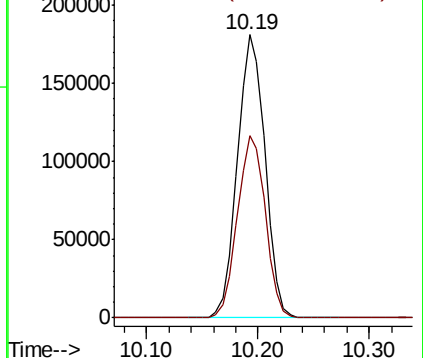


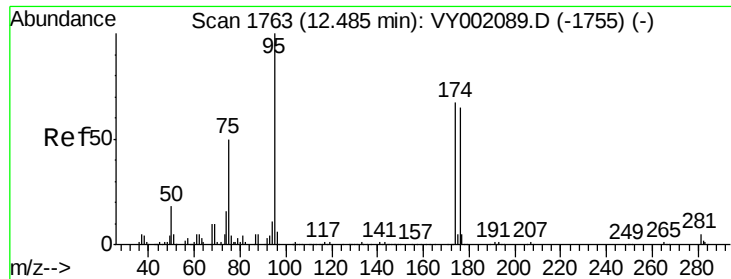
#50
Toluene-d8
Concen: 51.867 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

Tgt Ion: 98 Resp: 310451
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



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

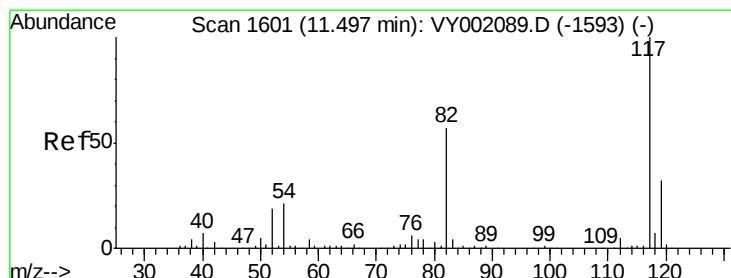
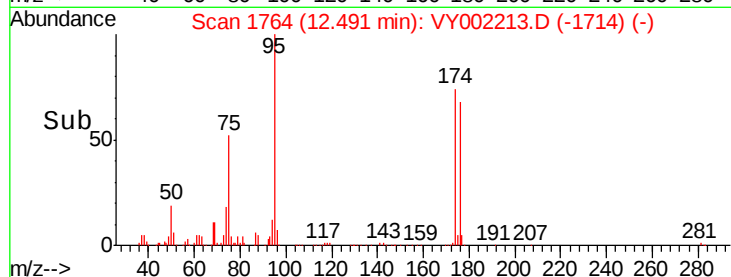
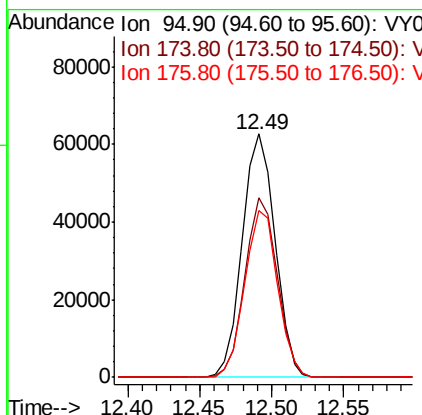
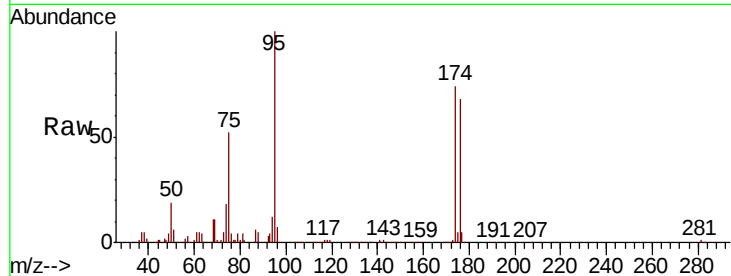




#62
4-Bromofluorobenzene
Concen: 47.288 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

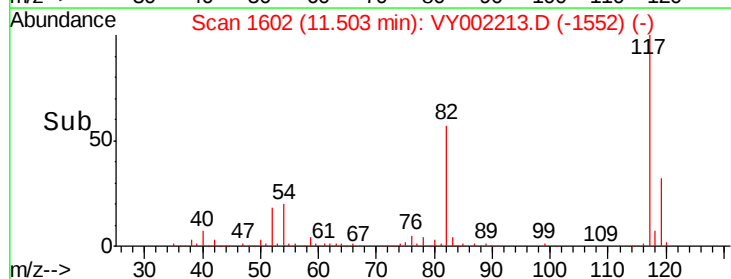
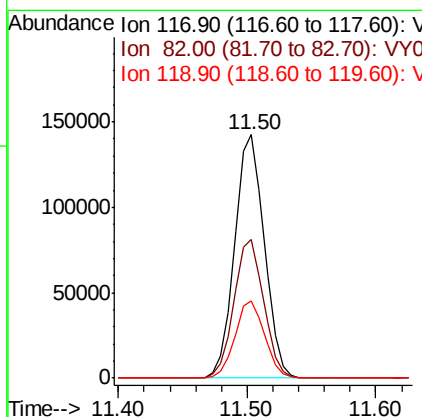
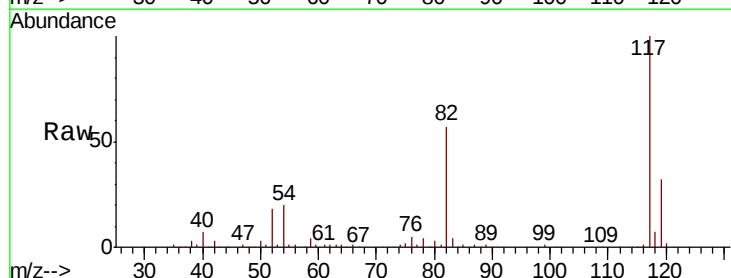
Instrument :
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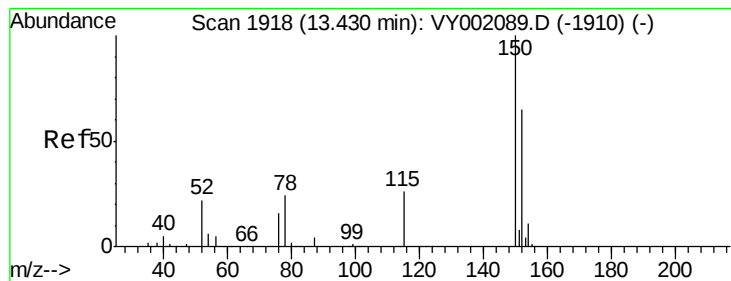
Tot Ion: 95 Resp: 98991
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.4
176 68.6 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

Tgt Ion: 117 Resp: 227617
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-040220

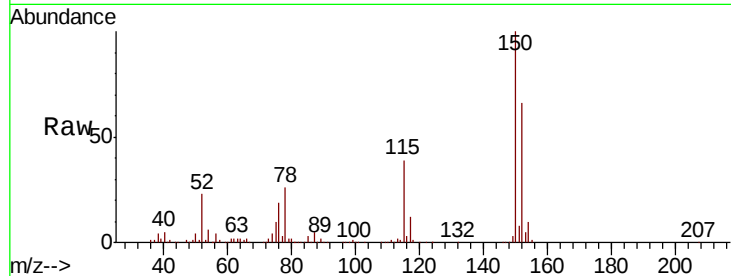
Tot Ion:152 Resp: 83297

Ion Ratio Lower Upper

152 100

115 61.7 31.2 93.6

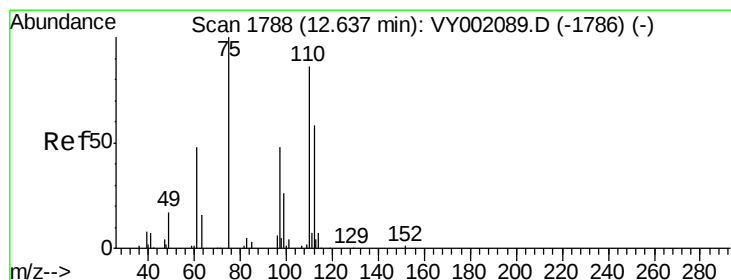
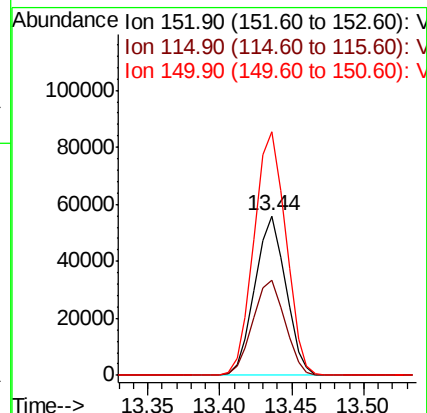
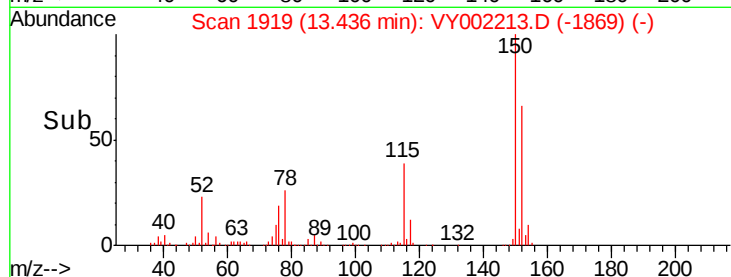
150 156.7 0.0 354.8



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: 53.451 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002213.D

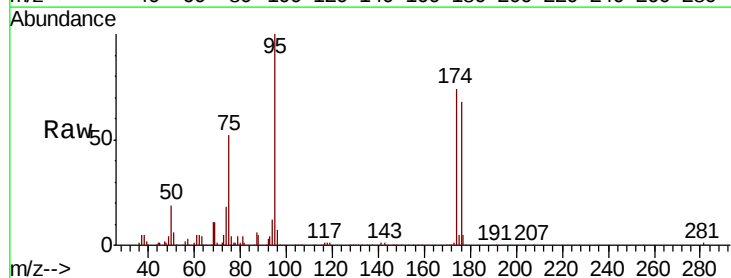
Acq: 03 Apr 2020 12:36

Tgt Ion: 75 Resp: 49803

Ion Ratio Lower Upper

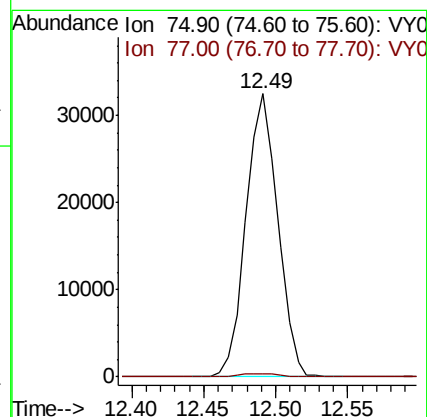
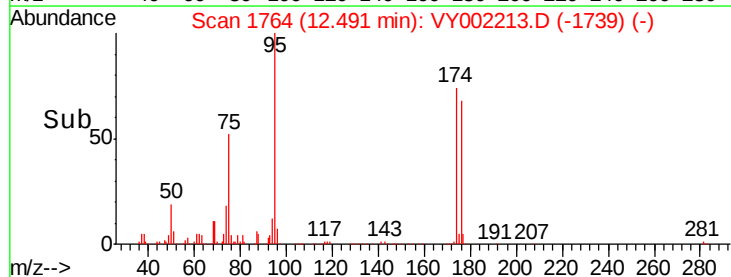
75 100

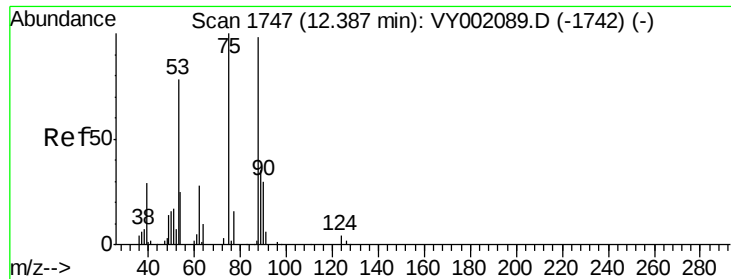
77 1.2 0.0 0.0#



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: 103.553 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-040220

Tot Ion: 75 Resp: 49803

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#

