

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002470.D
 Acq On : 23 Apr 2020 19:16
 Operator : SY/MD
 Sample : L2357-01
 Misc : 8.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:34:37 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

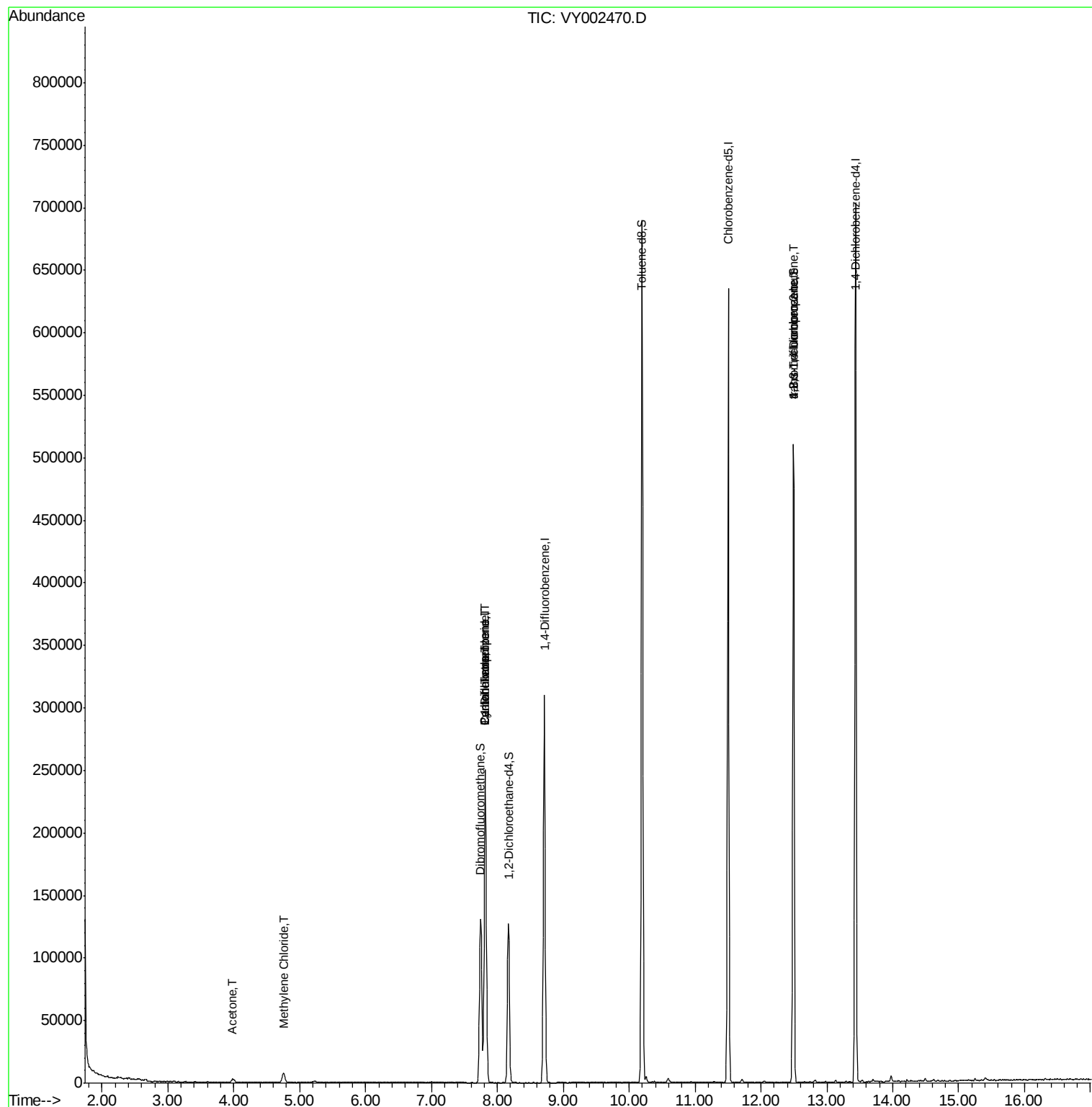
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	201279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	269303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	355861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	184897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	108628	61.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.50%	
35) Dibromofluoromethane	7.75	113	89731	59.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.14%	
50) Toluene-d8	10.19	98	469601	76.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.84%	
62) 4-Bromofluorobenzene	12.49	95	149053	72.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.52%	
Target Compounds						
16) Acetone	3.98	43	5423	14.750	ug/l	100
20) Methylene Chloride	4.75	84	6015	2.866	ug/l	96
31) Cyclohexane	7.82	56	3282	1.083	ug/l #	16
36) 1,1-Dichloropropene	7.82	75	12719	5.508	ug/l #	51
38) Carbon Tetrachloride	7.82	117	19220	7.238	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	76673	48.927	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	76673	90.538	ug/l #	15

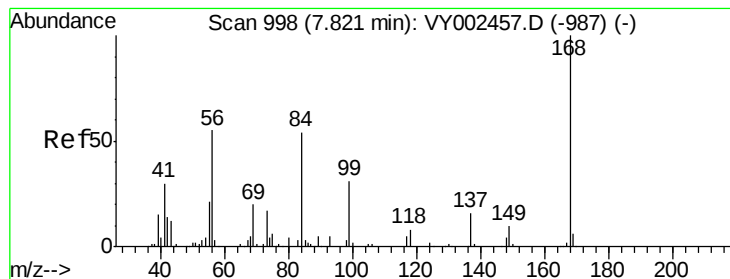
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 14:11:26 2020
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: VY002470.D

Acq: 23 Apr 2020 19:16

Instrument :

MSVOA_Y

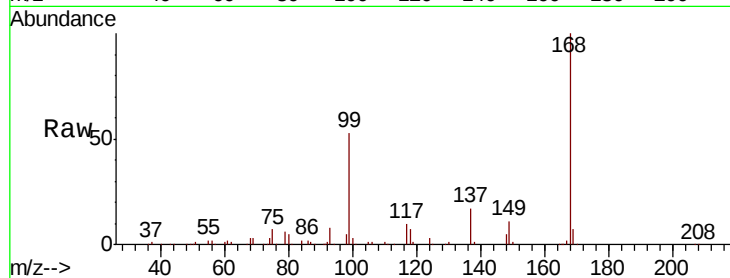
ClientSampleId :

Tot Ion:168 Resp: 201279

Ion Ratio Lower Upper

168 100

99 53.1 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) (-)

7.82

80000

60000

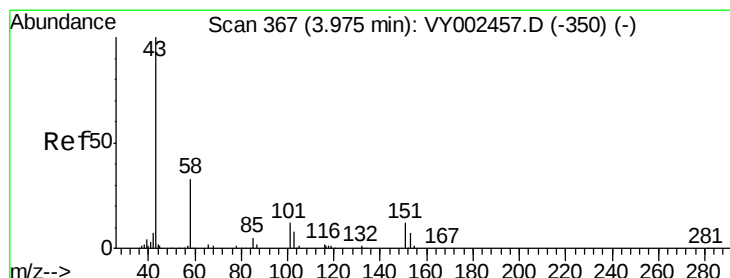
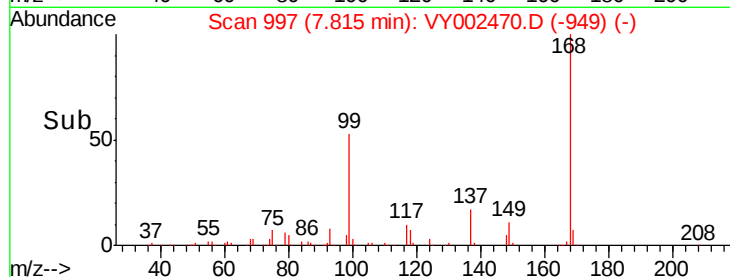
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 14.750 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002470.D

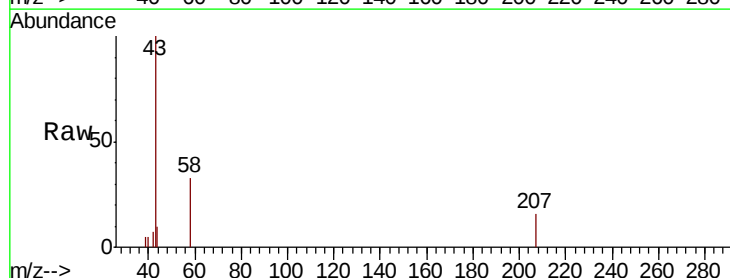
Acq: 23 Apr 2020 19:16

Tgt Ion: 43 Resp: 5423

Ion Ratio Lower Upper

43 100

58 33.1 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) (-)

3.98

2000

1500

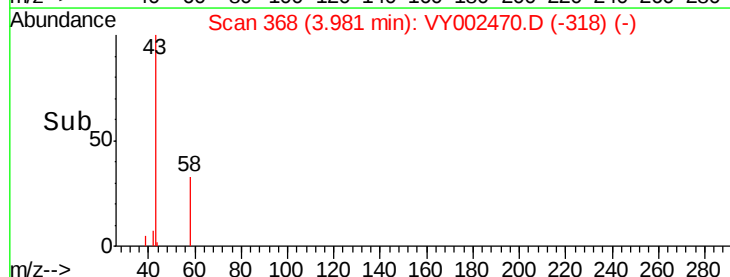
1000

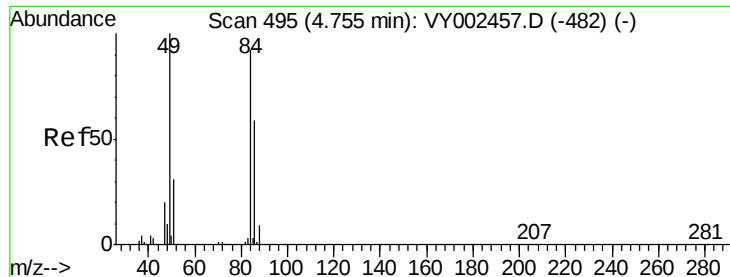
500

0

3.90 4.00 4.10

Time-->

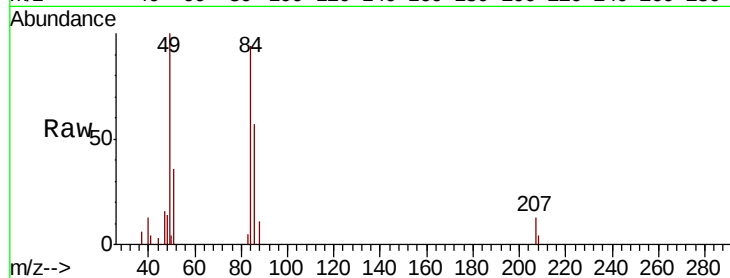




#20
Methvlene Chloride
Concen: 2.866 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002470.D
Acq: 23 Apr 2020 19:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	6015
Ion	Ratio	Lower	Upper
84	100		
49	105.9	86.9	130.3
51	38.5	27.3	40.9
86	60.5	51.0	76.6



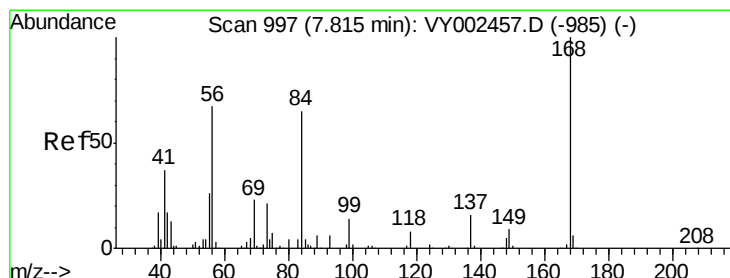
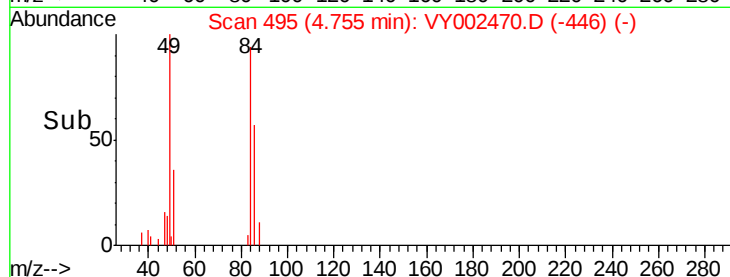
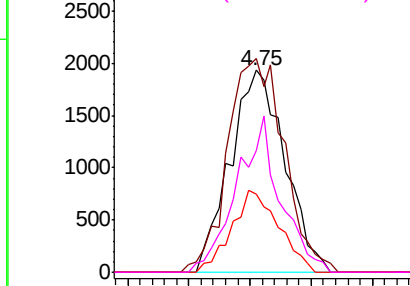
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

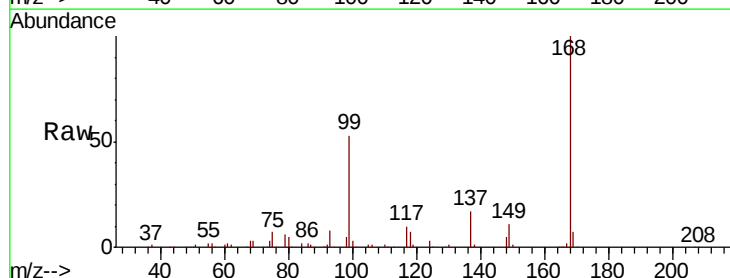
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY002470.D
Acq: 23 Apr 2020 19:16

Tgt Ion:	56	Resp:	3282
Ion	Ratio	Lower	Upper
56	100		
69	180.6	27.0	40.6#
84	120.3	77.4	116.2#

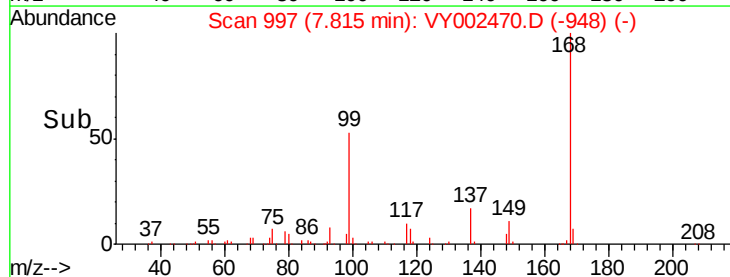
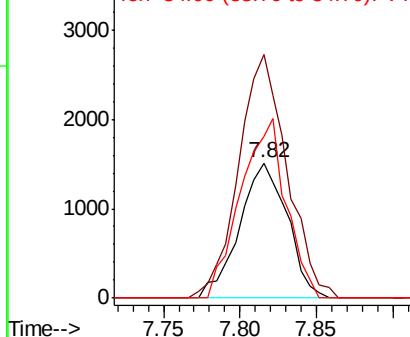


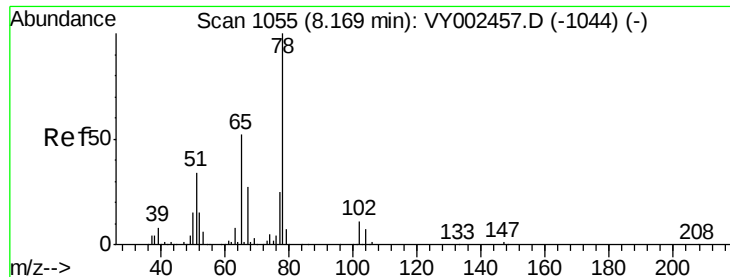
Abundance

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: 61.747 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY002470.D

Acq: 23 Apr 2020 19:16

Instrument :

MSVOA_Y

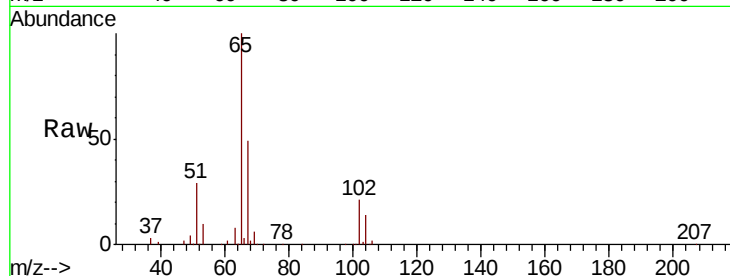
ClientSampled :

Tot Ion: 65 Resp: 108628

Ion Ratio Lower Upper

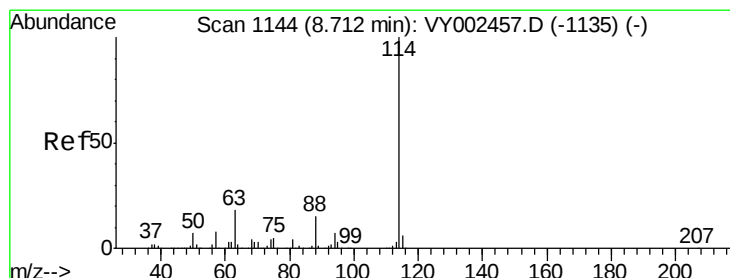
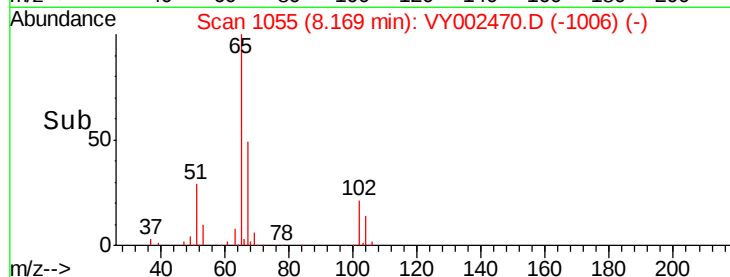
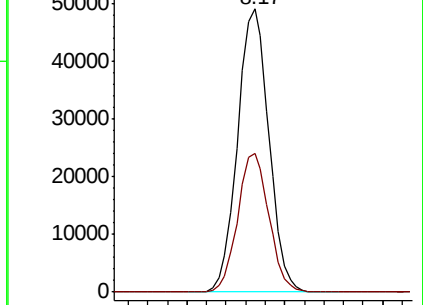
65 100

67 48.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002470.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002470.D (-1044) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY002470.D

Acq: 23 Apr 2020 19:16

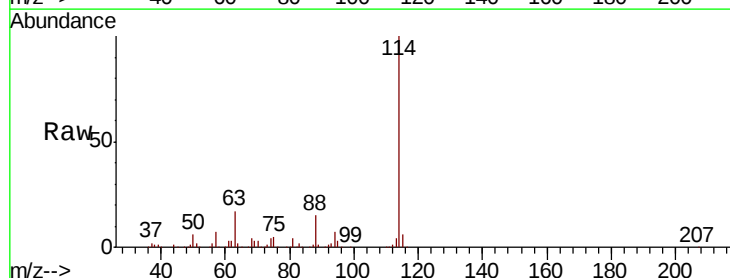
Tgt Ion: 114 Resp: 269303

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.6

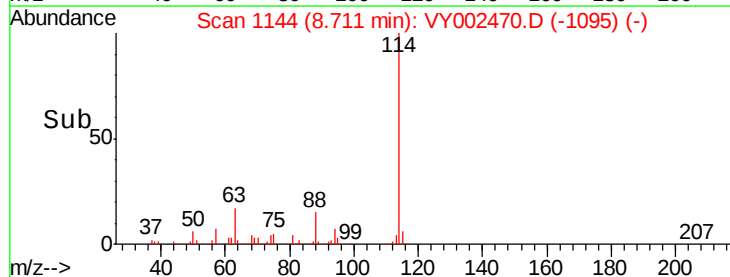
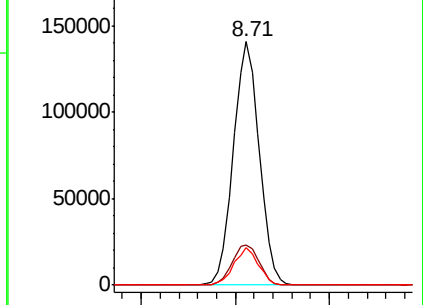
88 15.2 0.0 29.4

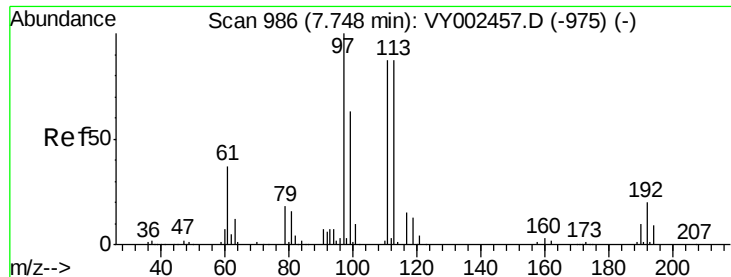


Abundance Ion 113.90 (113.60 to 114.60): VY002470.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY002470.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY002470.D (-1095) (-)

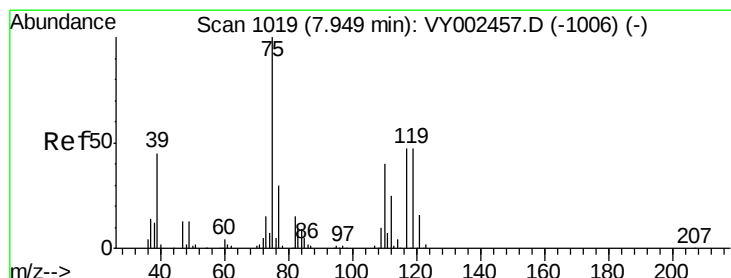
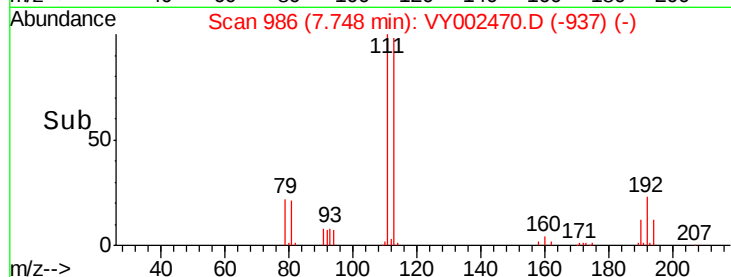
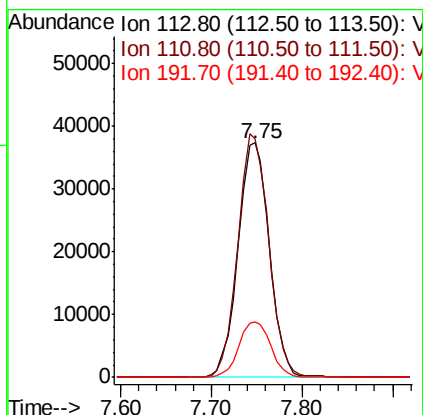
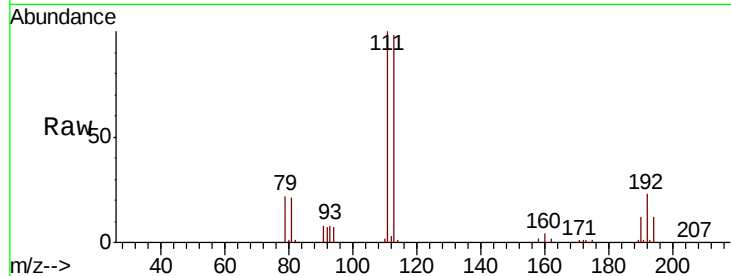




#35
 Dibromofluoromethane
 Concen: 59.072 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY002470.D
 Acq: 23 Apr 2020 19:16

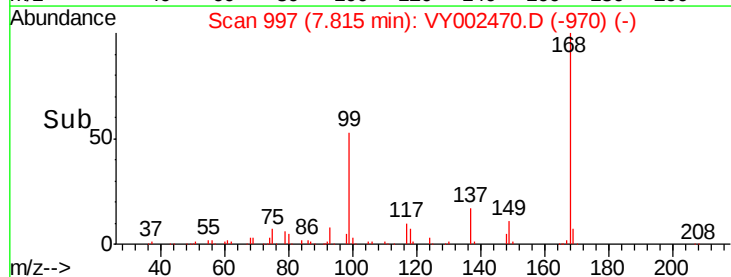
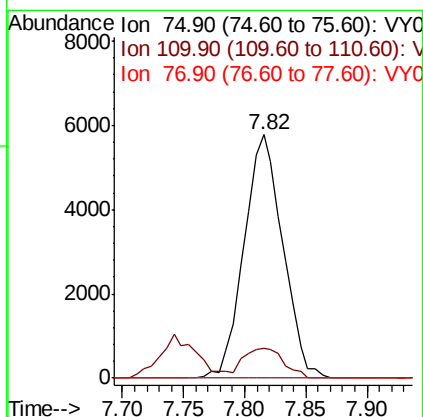
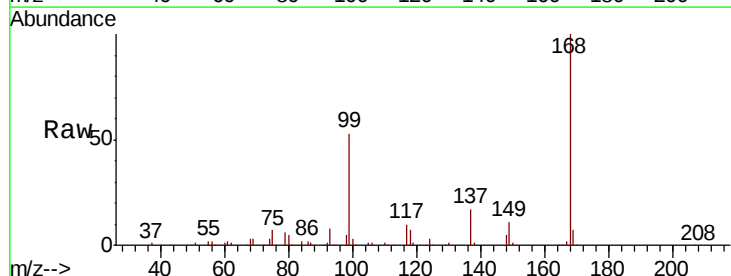
Instrument :
 MSVOA_Y
 ClientSampled :

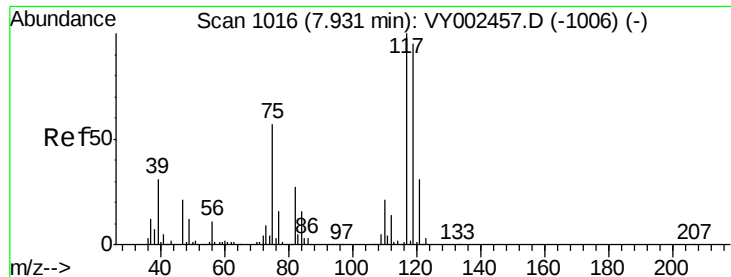
Tot Ion:113 Resp: 89731
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.4
 192 24.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.508 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY002470.D
 Acq: 23 Apr 2020 19:16

Tgt Ion: 75 Resp: 12719
 Ion Ratio Lower Upper
 75 100
 110 12.9 19.4 58.4#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.238 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY002470.D

Acq: 23 Apr 2020 19:16

Instrument :

MSVOA_Y

ClientSampled :

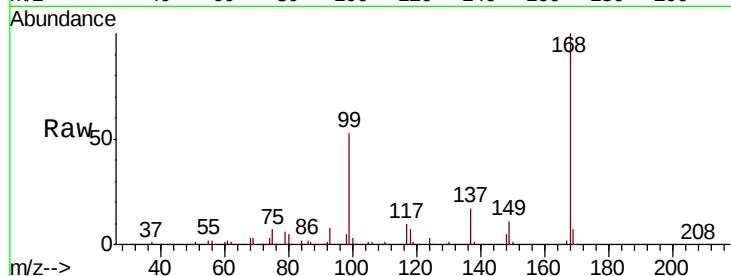
Tot Ion:117 Resp: 19220

Ion Ratio Lower Upper

117 100

119 5.2 75.9 113.9#

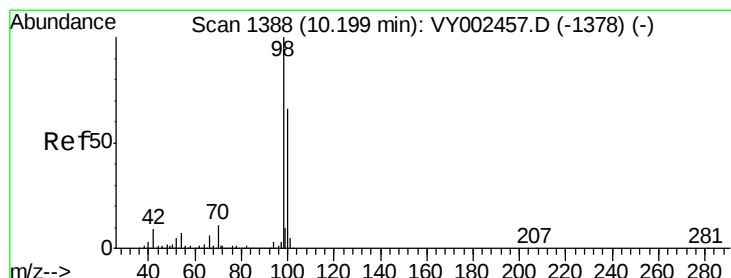
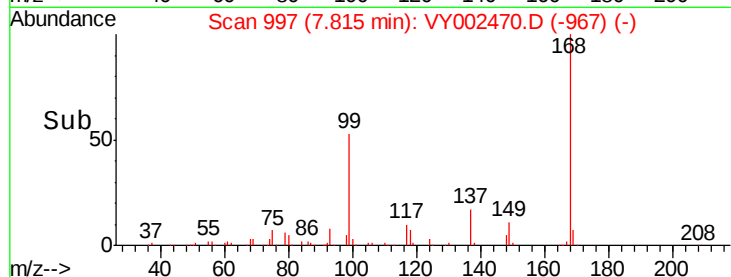
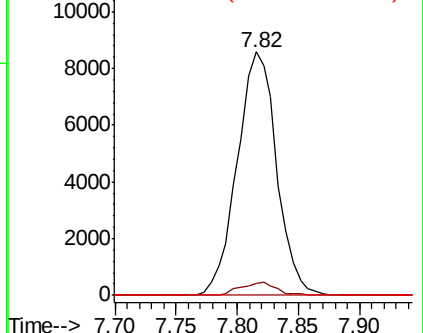
121 0.0 24.5 36.7#



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: 76.918 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002470.D

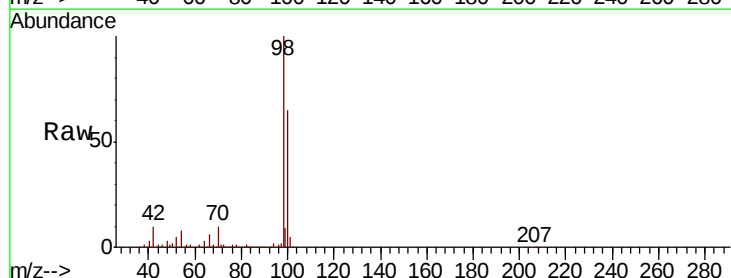
Acq: 23 Apr 2020 19:16

Tgt Ion: 98 Resp: 469601

Ion Ratio Lower Upper

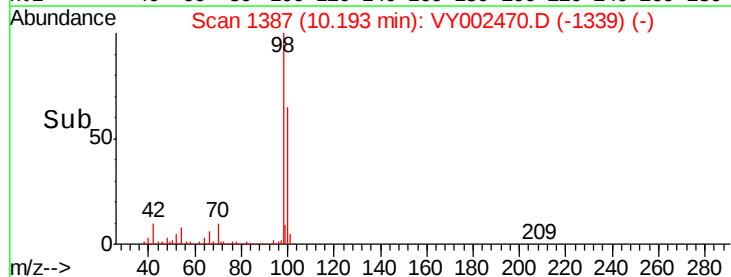
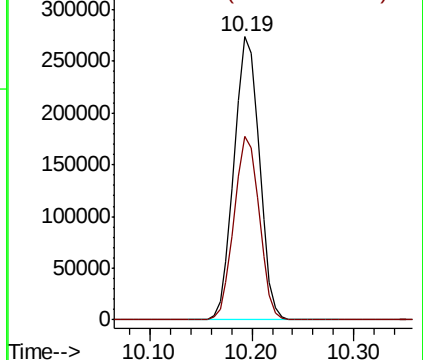
98 100

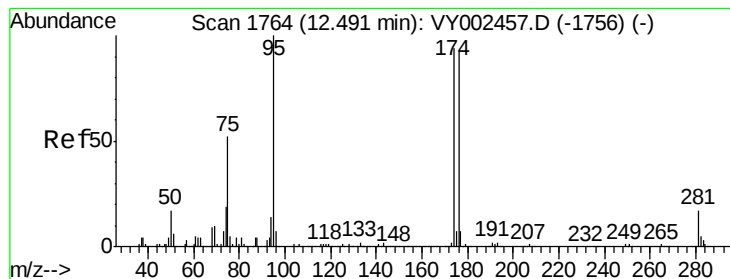
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 72.760 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002470.D

Acq: 23 Apr 2020 19:16

Instrument :

MSVOA_Y

ClientSampleId :

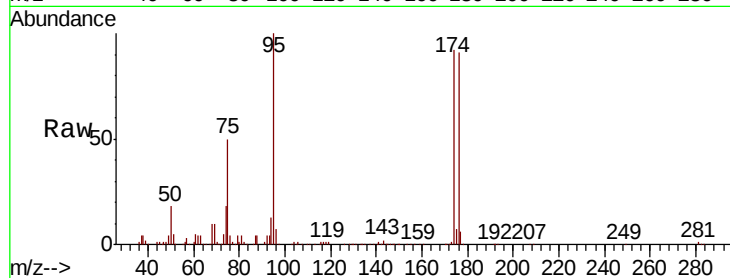
Tot Ion: 95 Resp: 149053

Ion Ratio Lower Upper

95 100

174 97.9 0.0 193.0

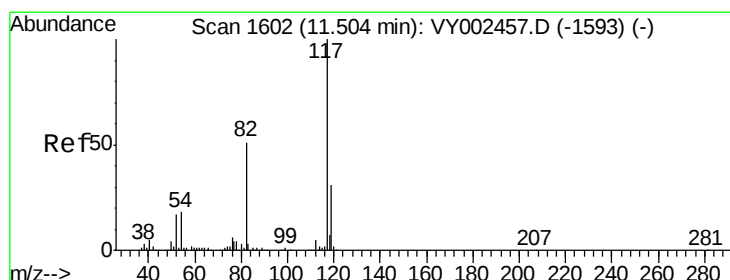
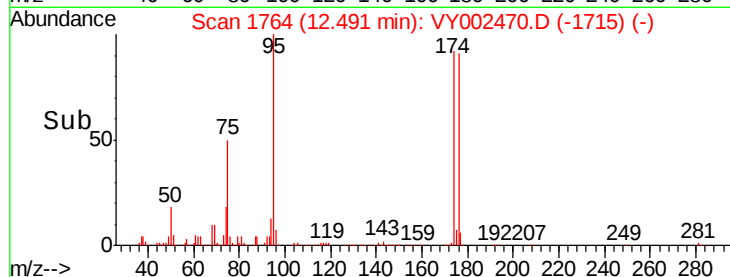
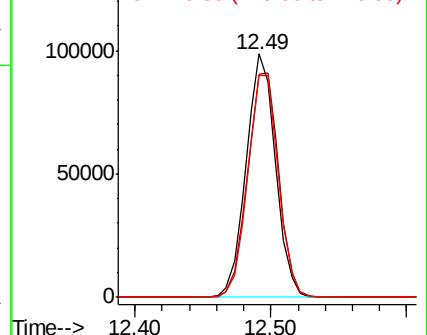
176 95.1 0.0 190.4



Abundance Ion 94.90 (94.60 to 95.60): VY002470.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002470.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002470.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY002470.D

Acq: 23 Apr 2020 19:16

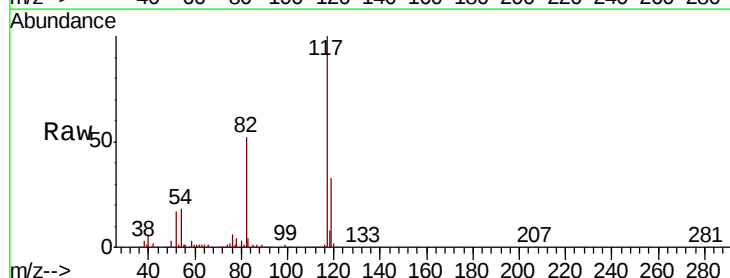
Tgt Ion: 117 Resp: 355861

Ion Ratio Lower Upper

117 100

82 52.0 40.8 61.2

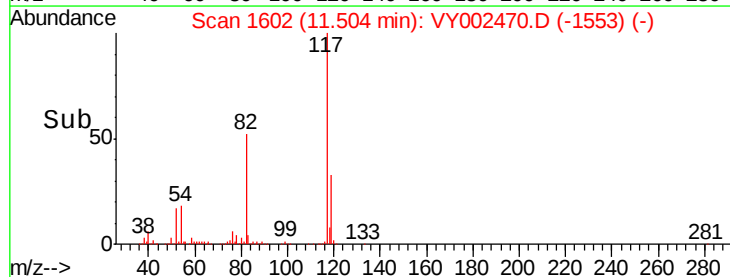
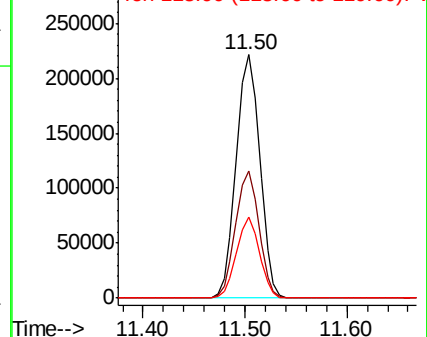
119 33.3 25.2 37.8

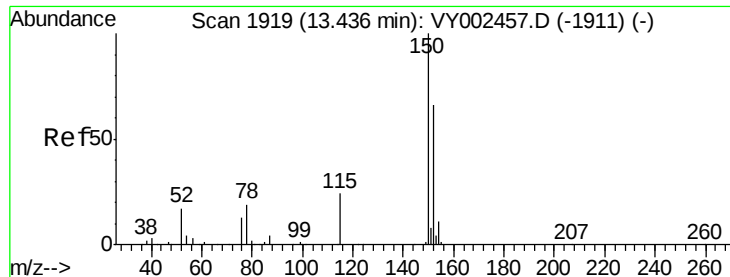


Abundance Ion 116.90 (116.60 to 117.60): VY002470.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002470.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002470.D (-1593) (-)



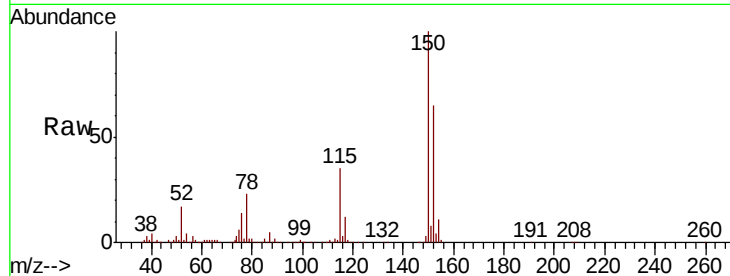


#72

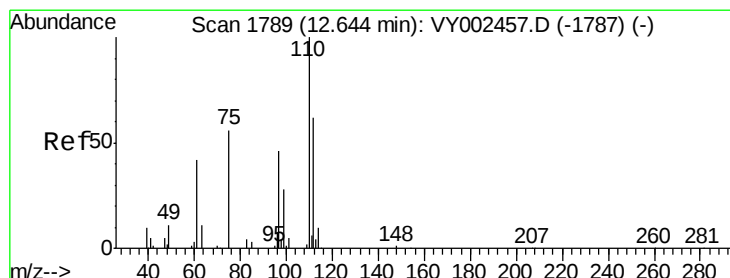
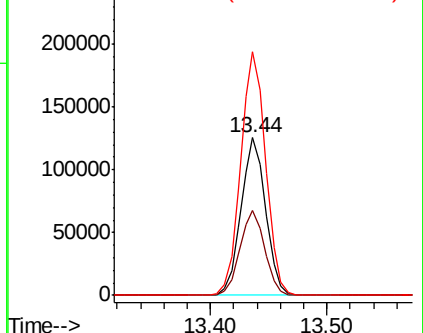
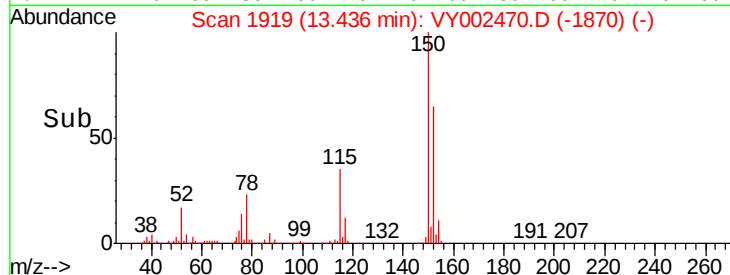
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002470.D
Acq: 23 Apr 2020 19:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.8
150	156.6	0.0	346.8



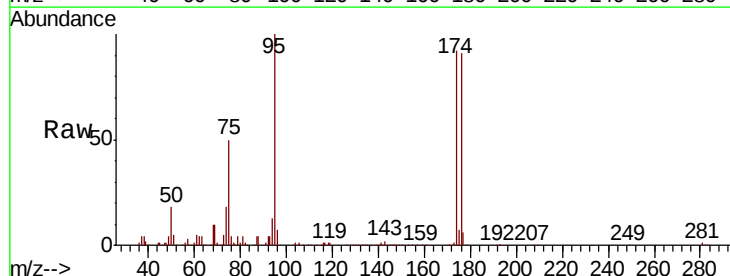
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



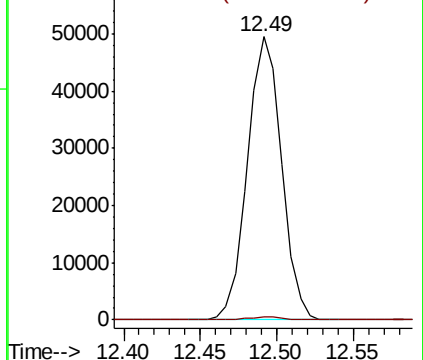
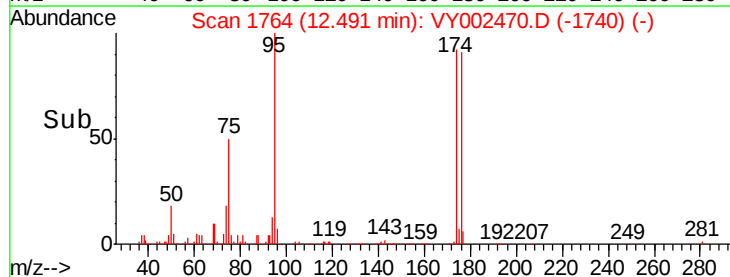
#76

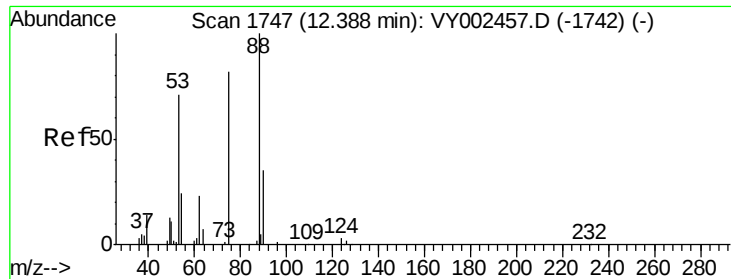
1,2,3-Trichloropropane
Concen: 48.927 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002470.D
Acq: 23 Apr 2020 19:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 90.538 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002470.D

Acq: 23 Apr 2020 19:16

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 76673

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.1 34.9 52.3#

