

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003578.D
 Acq On : 20 Nov 2020 19:09
 Operator : SY/MD
 Sample : L4836-10
 Misc : 5.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:55:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	77624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	191007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	164343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	49967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	70311	87.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.48%#
35) Dibromofluoromethane	7.72	113	70871	56.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.90%
50) Toluene-d8	10.17	98	227017	46.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.00%
62) 4-Bromofluorobenzene	12.48	95	58886	38.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.02%

Target Compounds

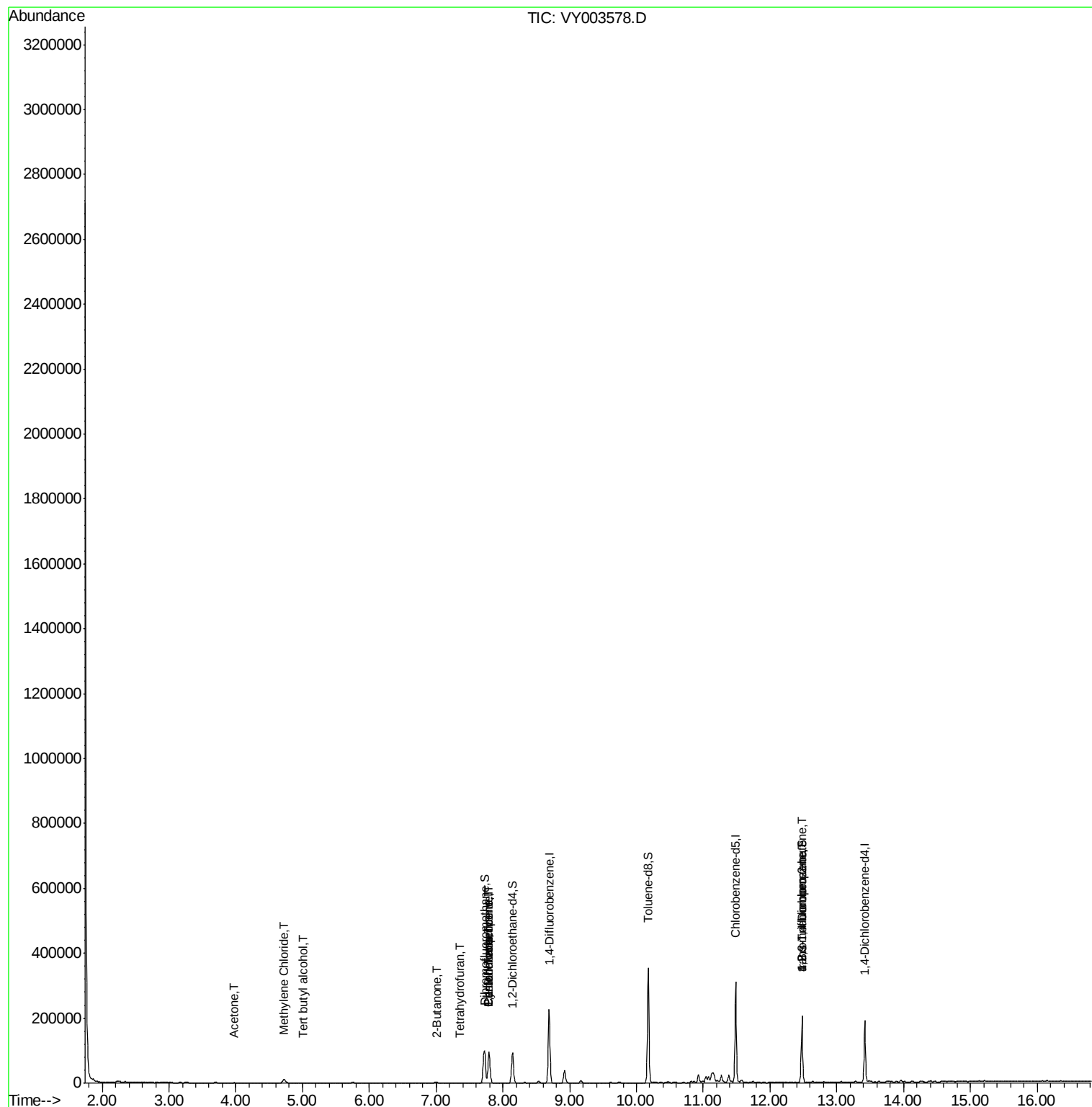
					Qvalue	
11) Tert butyl alcohol	5.00	59	426	6.993	ug/l #	100
16) Acetone	3.97	43	2007	7.458	ug/l #	89
20) Methylene Chloride	4.72	84	7961	3.841	ug/l	98
25) 2-Butanone	7.00	43	582	1.667	ug/l #	50
29) Tetrahydrofuran	7.36	42	630	3.444	ug/l #	71
31) Cyclohexane	7.78	56	1933	1.659	ug/l #	49
36) 1,1-Dichloropropene	7.79	75	5587	2.971	ug/l #	47
38) Carbon Tetrachloride	7.79	117	7045	4.044	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	30192	62.326	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	30192	99.079	ug/l #	14

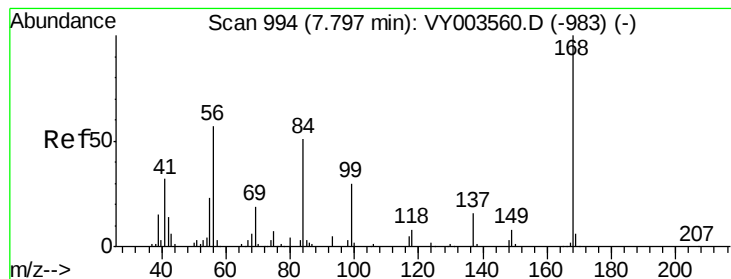
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

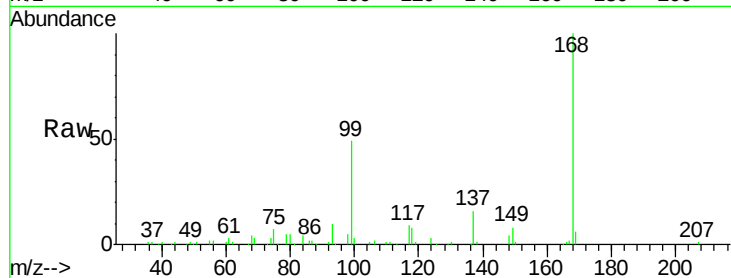
ClientSampled :

Tot Ion:168 Resp: 77624

Ion Ratio Lower Upper

168 100

99 49.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.79

40000

30000

20000

10000

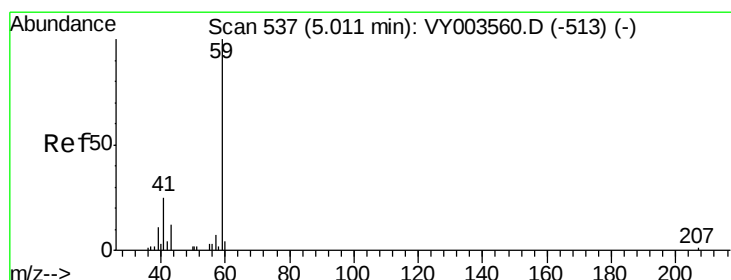
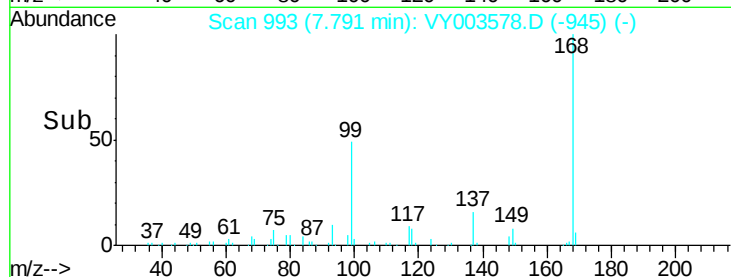
0

7.70

7.80

7.90

Time-->



#11

Tert butyl alcohol

Concen: 6.993 ug/l

RT: 5.00 min Scan# 536

Delta R.T. -0.01 min

Lab File: VY003578.D

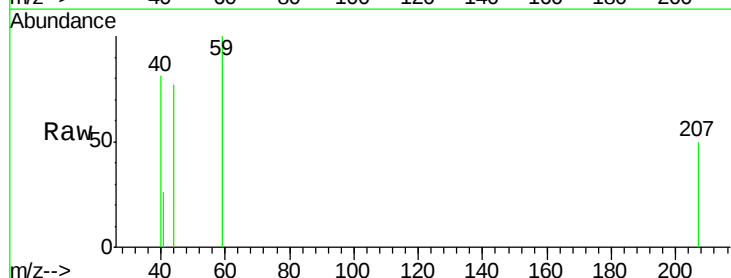
Acq: 20 Nov 2020 19:09

Tgt Ion: 59 Resp: 426

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VY003560.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY003560.D (-513) (-)

5.00

400

300

200

100

0

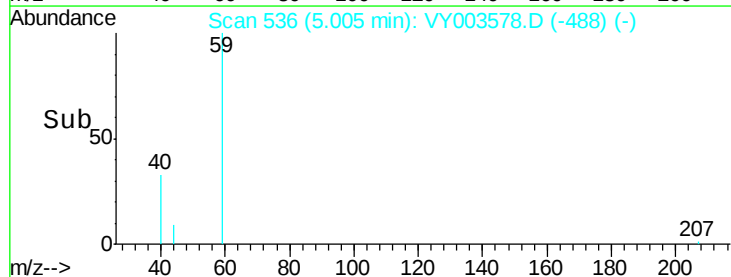
4.98

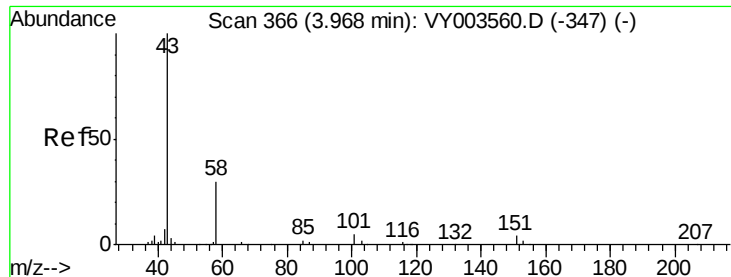
5.00

5.02

5.04

Time-->





#16

Acetone

Concen: 7.458 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

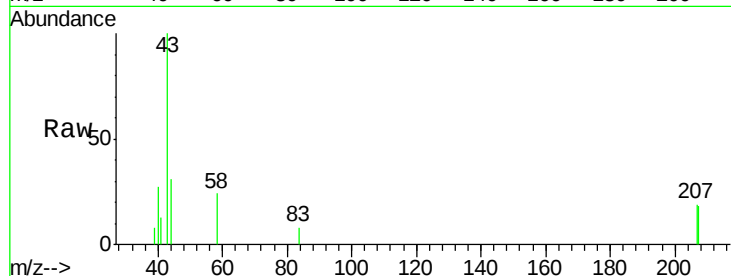
ClientSampleId :

Tot Ion: 43 Resp: 2007

Ion Ratio Lower Upper

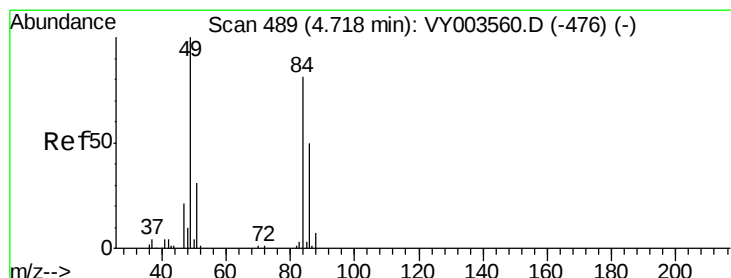
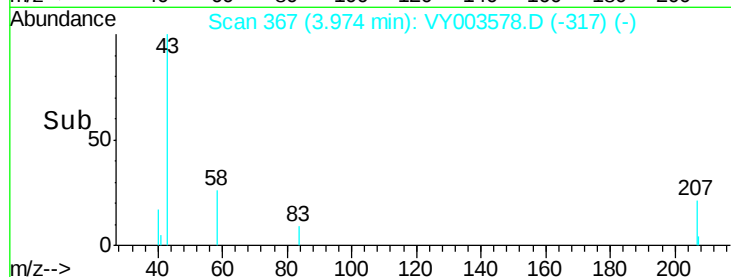
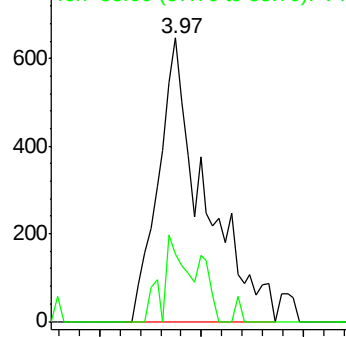
43 100

58 23.8 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.841 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Tgt Ion: 84 Resp: 7961

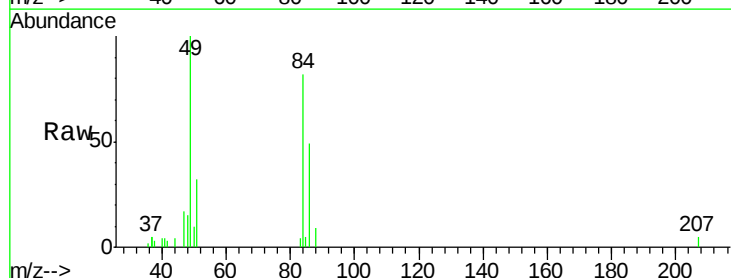
Ion Ratio Lower Upper

84 100

49 121.5 99.0 148.6

51 38.9 30.5 45.7

86 59.6 49.9 74.9

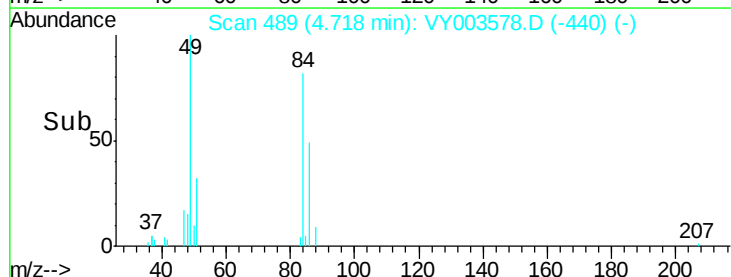
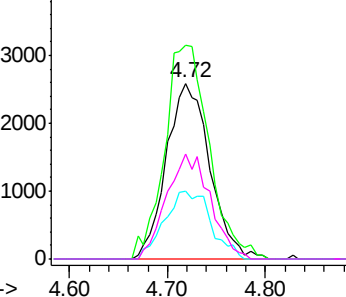


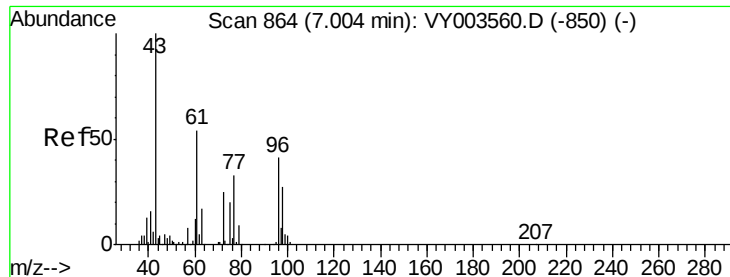
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#25

2-Butanone

Concen: 1.667 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

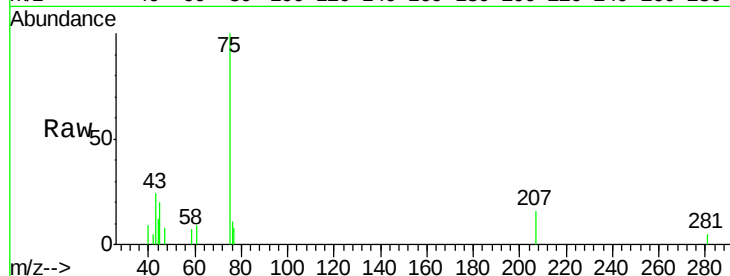
ClientSampled :

Tot Ion: 43 Resp: 582

Ion Ratio Lower Upper

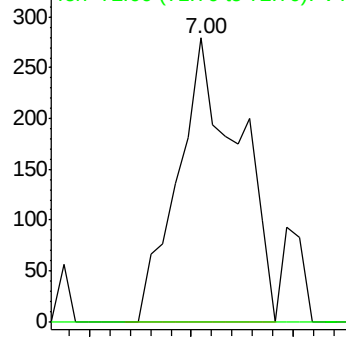
43 100

72 0.0 19.8 29.8#

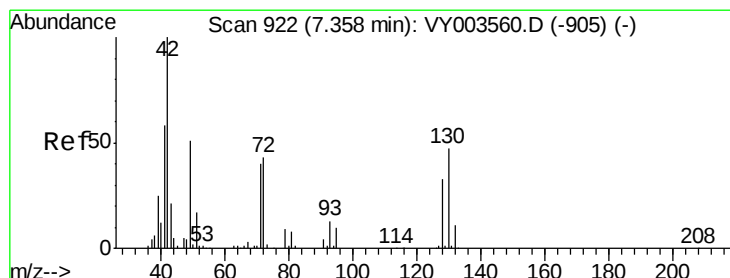
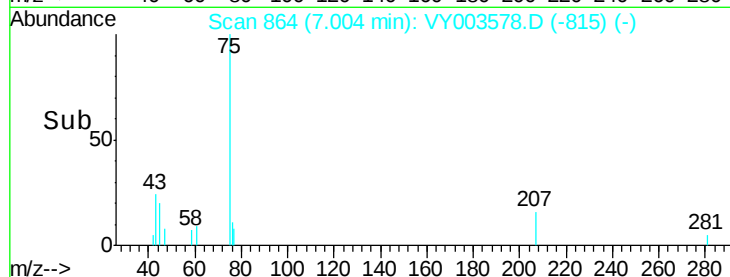


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#29

Tetrahydrofuran

Concen: 3.444 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

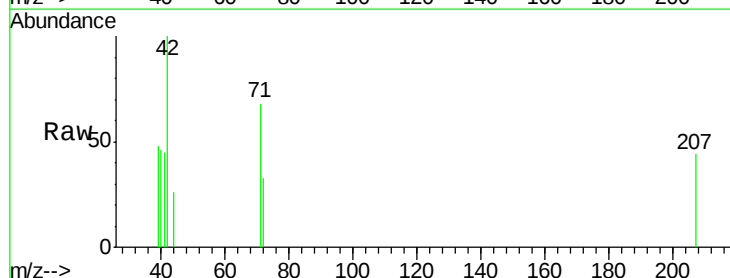
Tgt Ion: 42 Resp: 630

Ion Ratio Lower Upper

42 100

72 18.3 32.6 49.0#

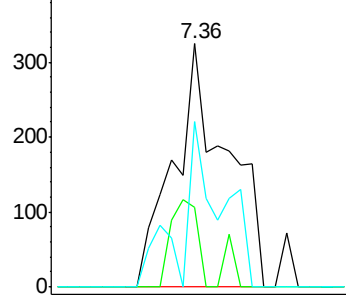
71 50.8 30.2 45.2#



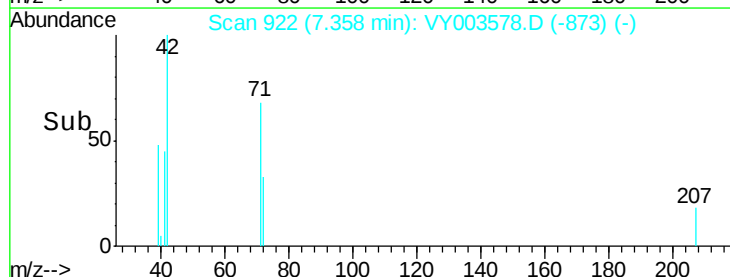
Abundance Ion 42.00 (41.70 to 42.70): VY0

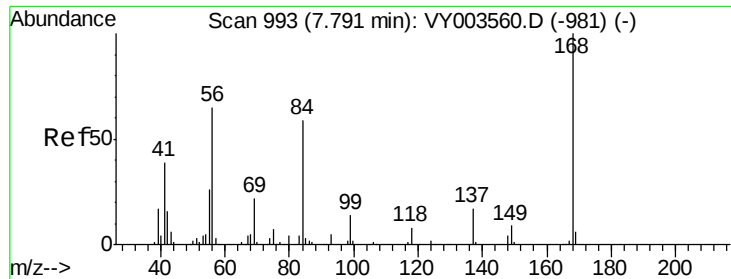
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



Time-->

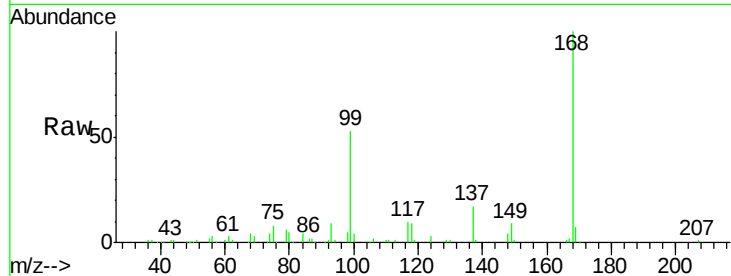




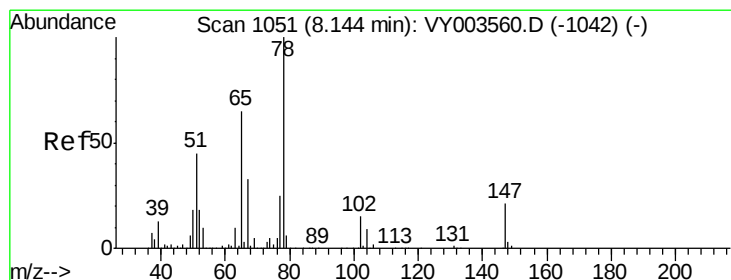
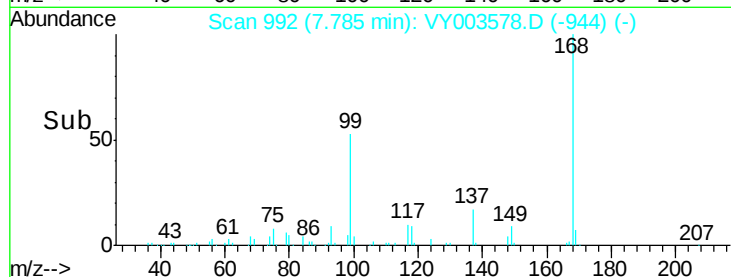
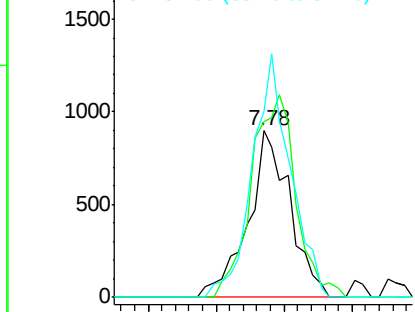
#31
Cyclohexane
Concen: 1.659 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003578.D
Acq: 20 Nov 2020 19:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 1933
Ion Ratio Lower Upper
56 100
69 105.7 27.0 40.6#
84 111.8 71.8 107.6#

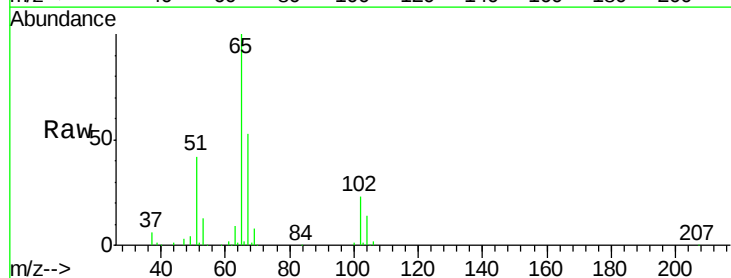


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

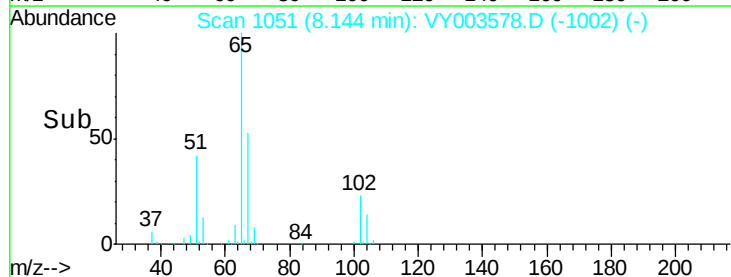
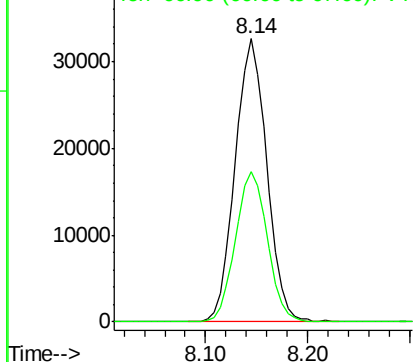


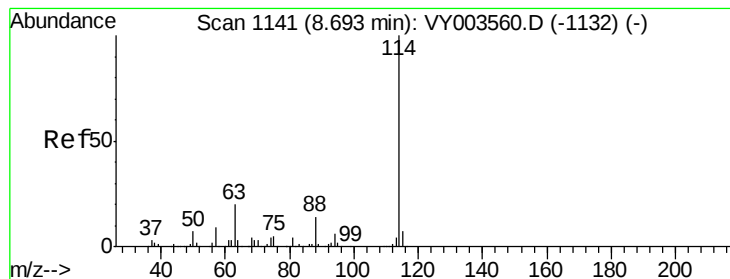
#33
1,2-Dichloroethane-d4
Concen: 87.236 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003578.D
Acq: 20 Nov 2020 19:09

Tgt Ion: 65 Resp: 70311
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

ClientSampleId :

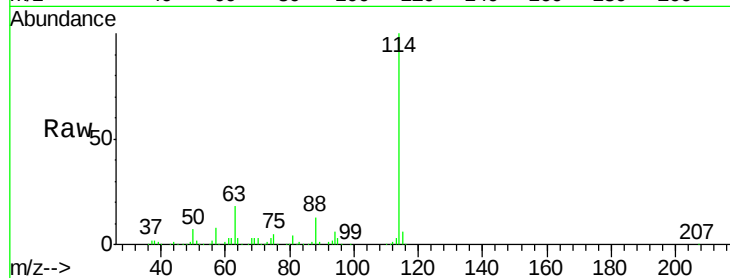
Tot Ion:114 Resp: 191007

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.8

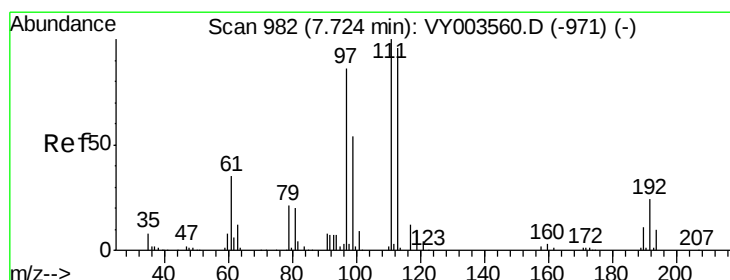
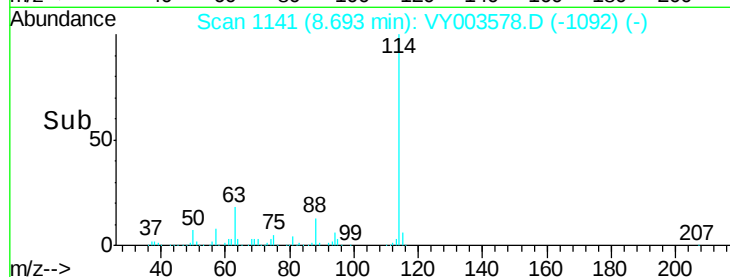
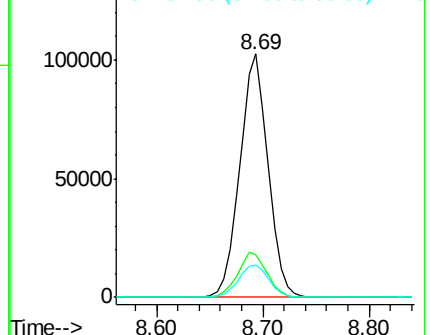
88 13.5 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 56.446 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

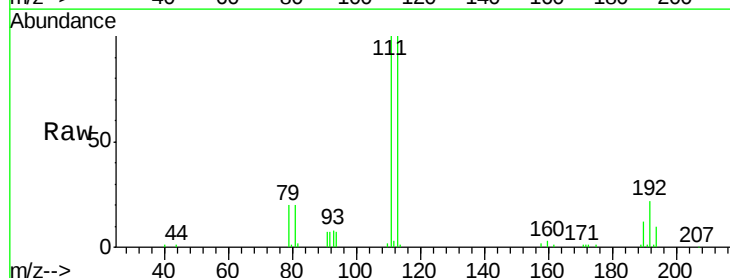
Tgt Ion:113 Resp: 70871

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

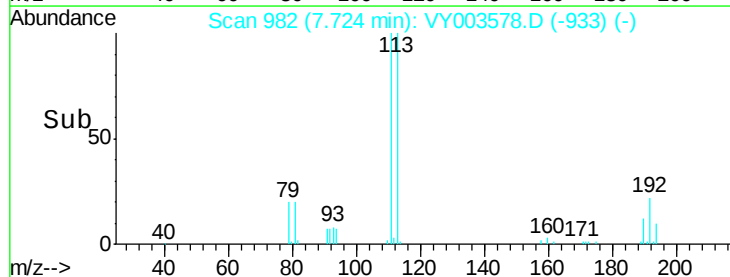
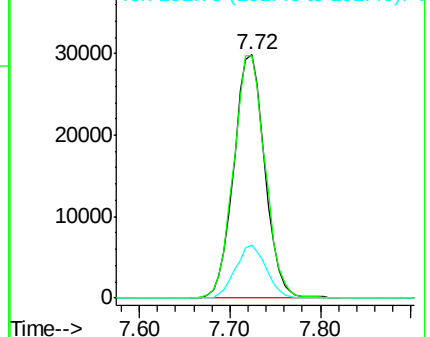
192 21.6 18.1 27.1

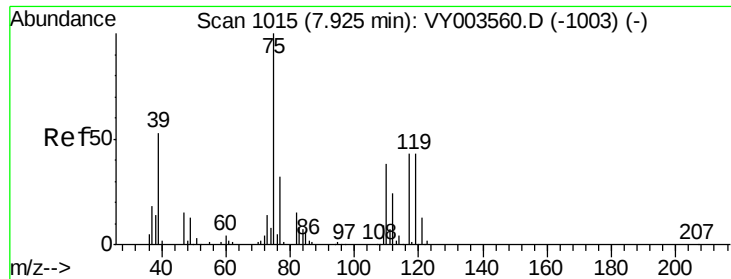


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

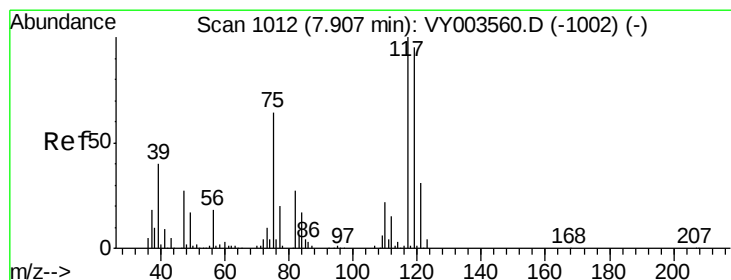
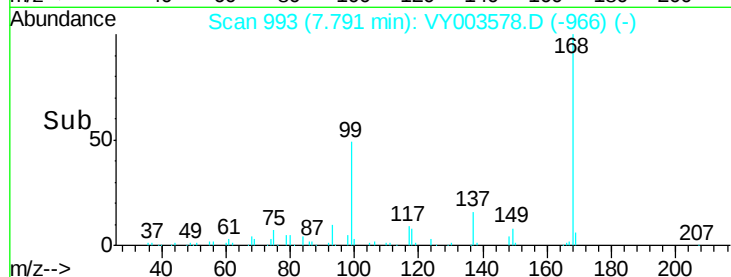
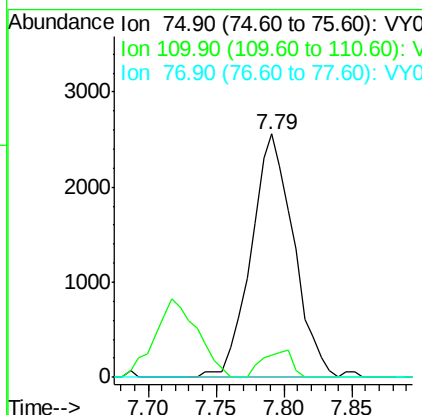
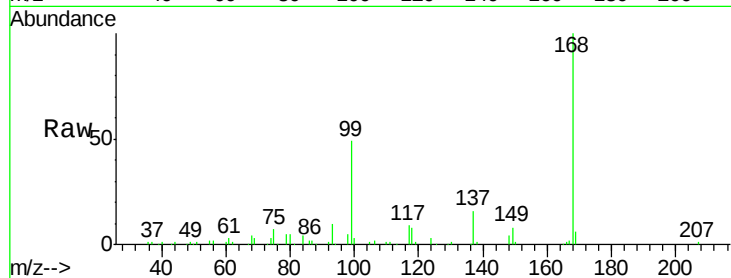




#36
 1,1-Dichloropropene
 Concen: 2.971 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003578.D
 Acq: 20 Nov 2020 19:09

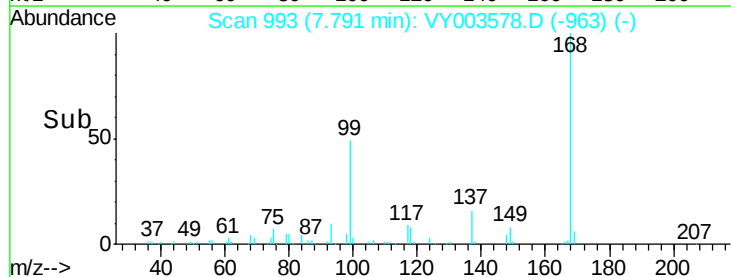
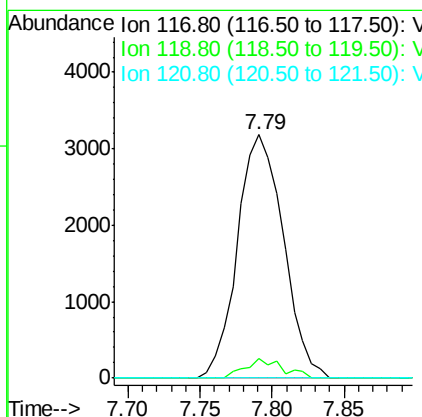
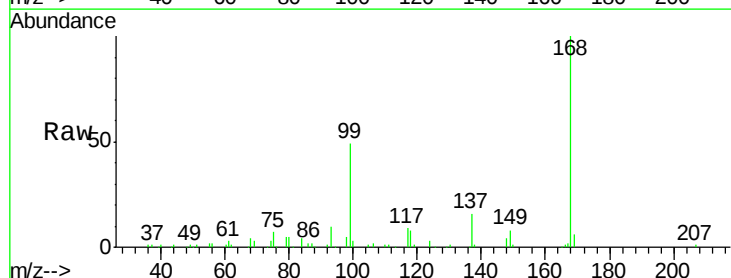
Instrument :
 MSVOA_Y
 ClientSampleId :

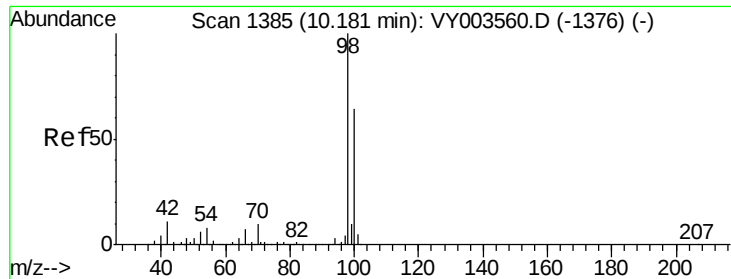
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.7	56.1#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 4.044 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003578.D
 Acq: 20 Nov 2020 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.8	76.3	114.5#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 46.498 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

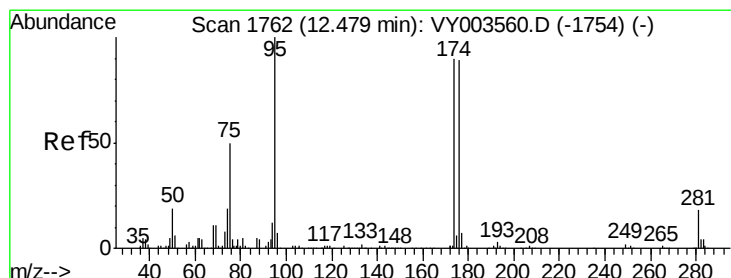
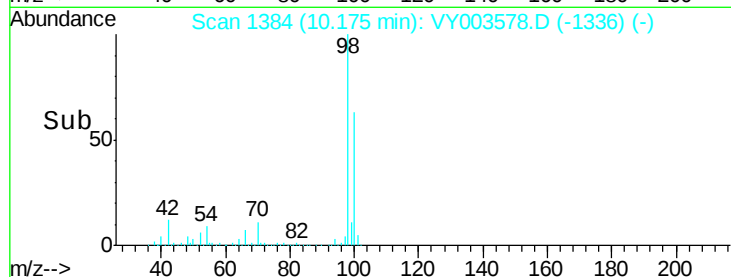
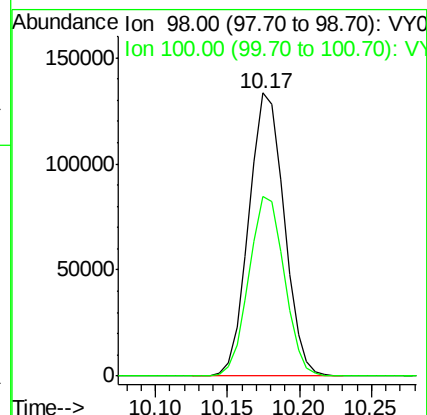
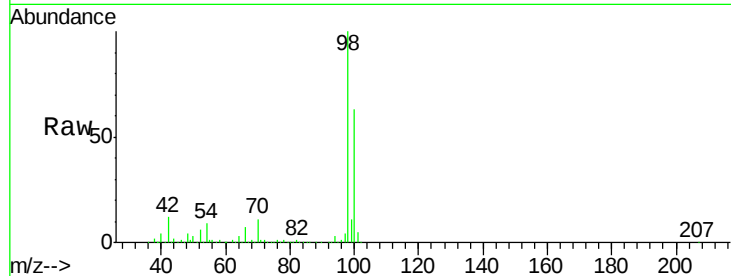
ClientSampled :

Tot Ion: 98 Resp: 227017

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 38.005 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

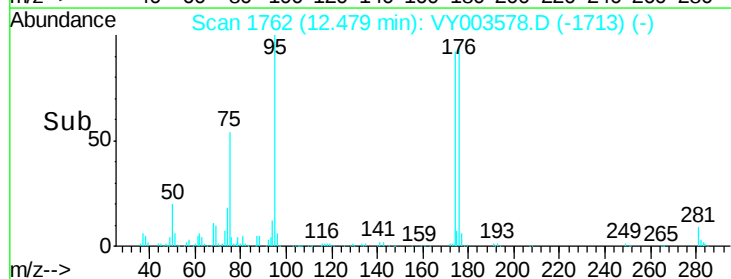
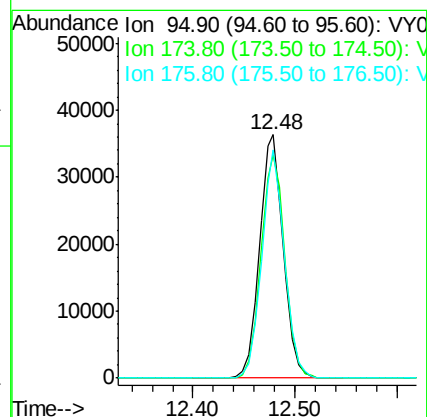
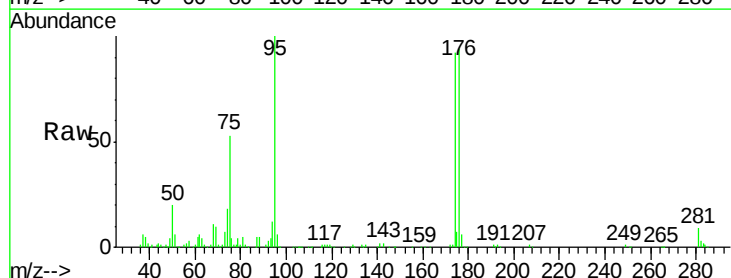
Tgt Ion: 95 Resp: 58886

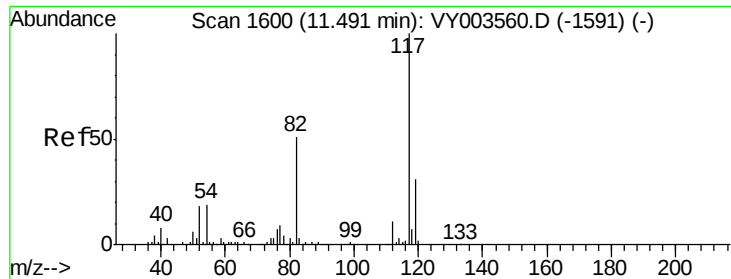
Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.0

176 90.0 0.0 180.4

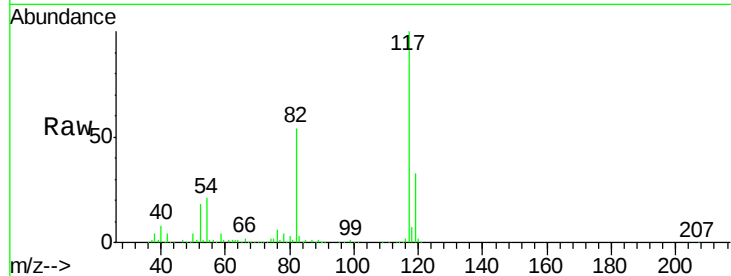




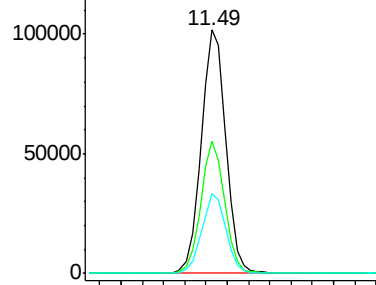
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003578.D
Acq: 20 Nov 2020 19:09

Instrument :
MSVOA_Y
ClientSampleId :

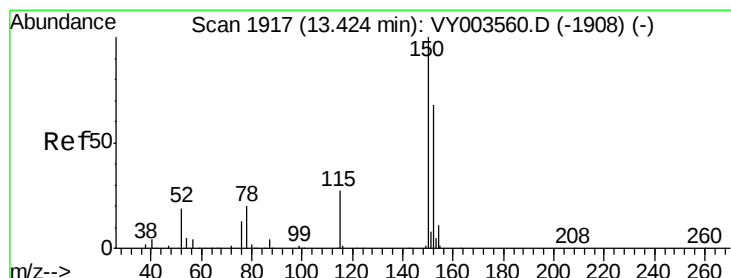
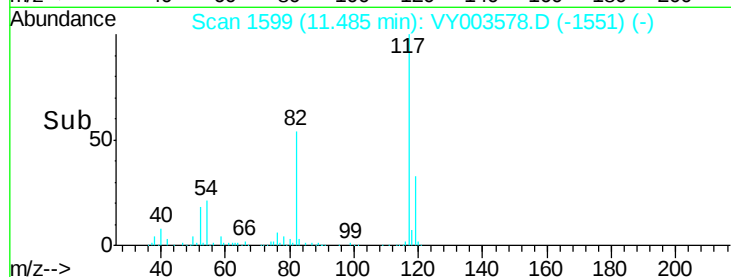
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	41.0	61.6
119	32.8	25.0	37.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

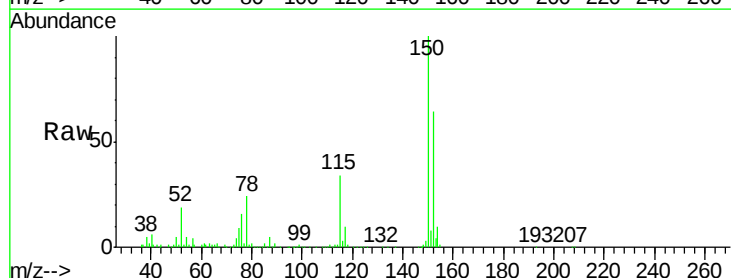


Time-->

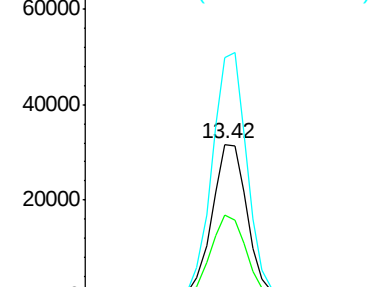


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003578.D
Acq: 20 Nov 2020 19:09

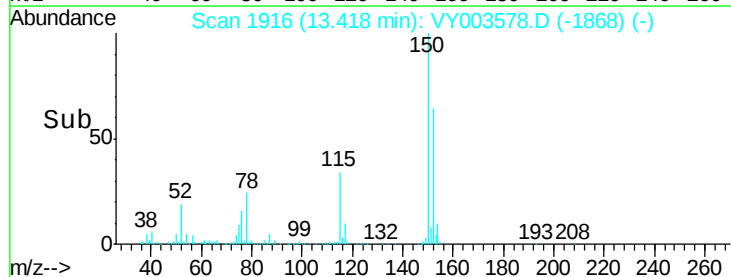
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.4	82.0
150	159.5	0.0	349.6

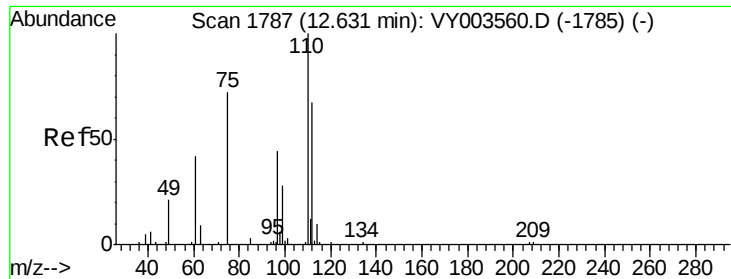


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#76

1,2,3-Trichloropropane

Concen: 62.326 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

Instrument :

MSVOA_Y

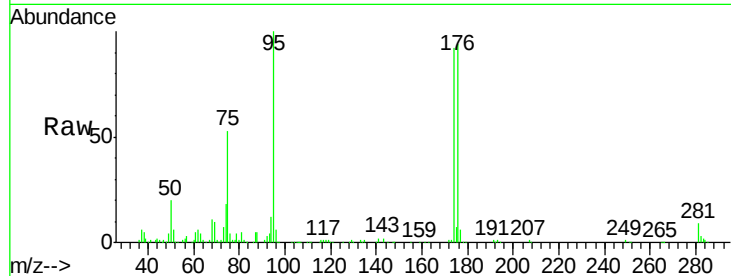
ClientSampleId :

Tot Ion: 75 Resp: 30192

Ion Ratio Lower Upper

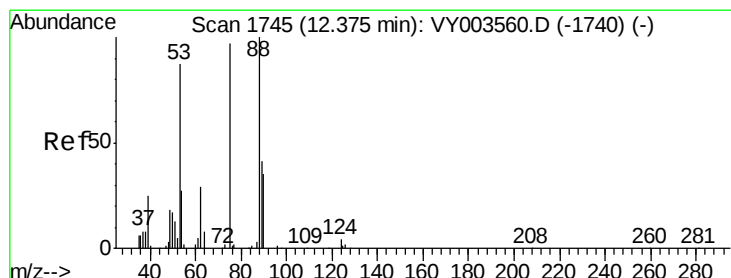
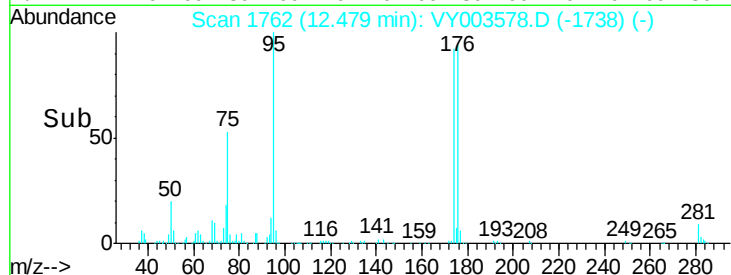
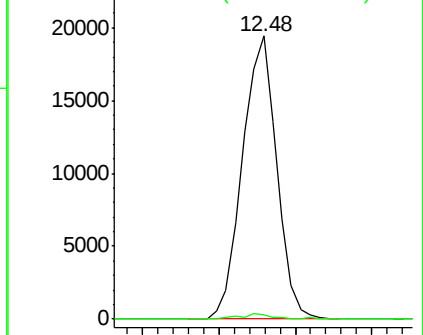
75 100

77 1.9 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: 99.079 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003578.D

Acq: 20 Nov 2020 19:09

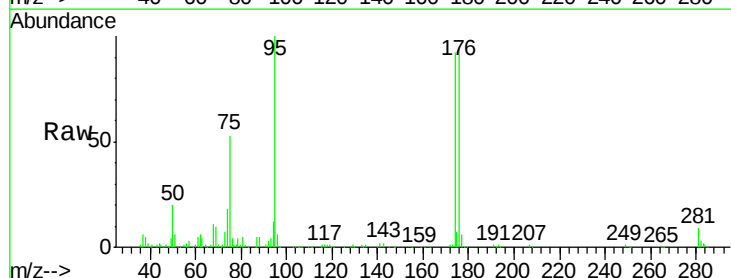
Tgt Ion: 75 Resp: 30192

Ion Ratio Lower Upper

75 100

53 0.3 71.4 107.2#

89 0.0 34.7 52.1#



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

