

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002230.D
 Acq On : 06 Apr 2020 12:40
 Operator : SY/MD
 Sample : L2123-01
 Misc : 8.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:23:54 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

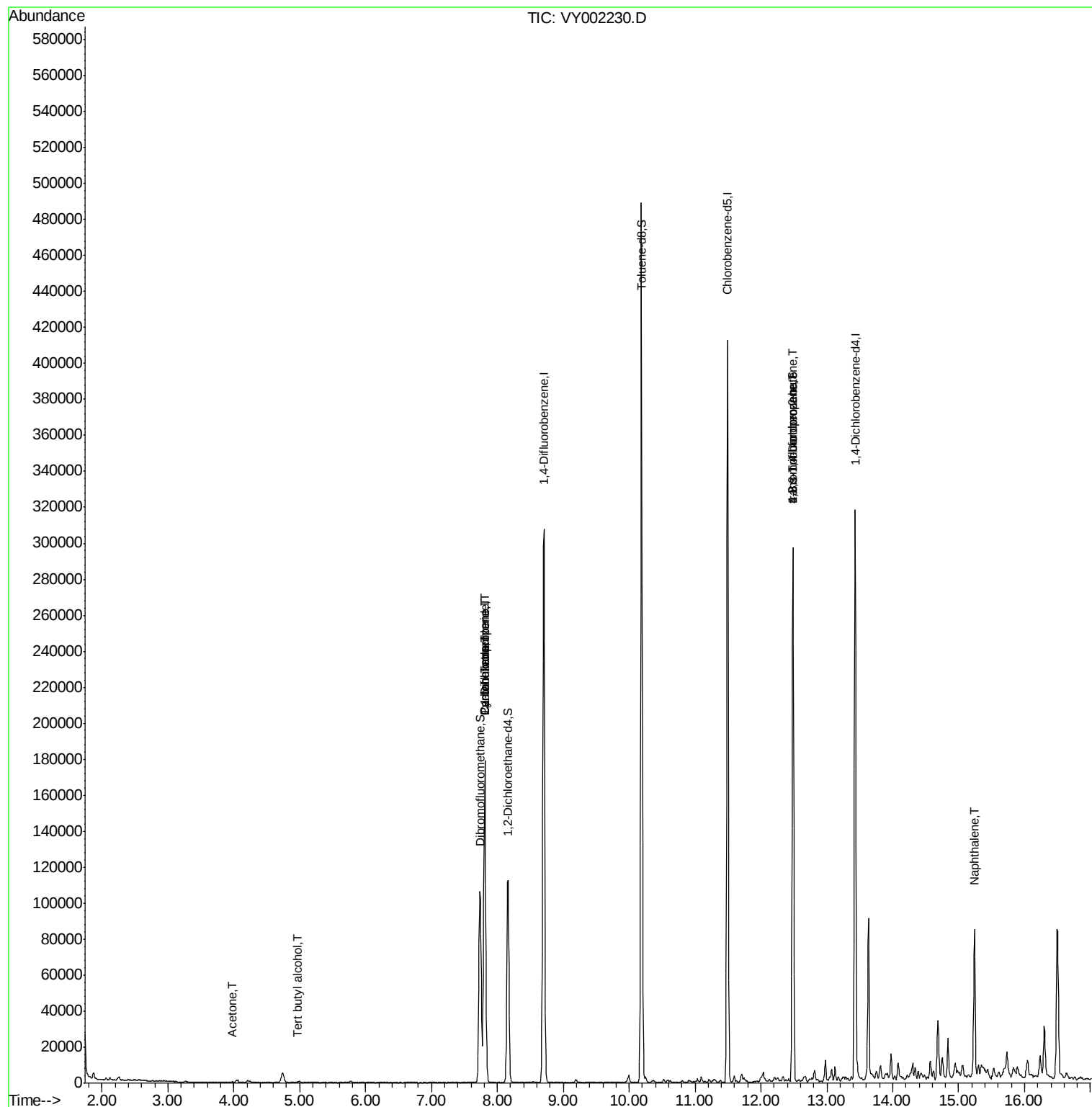
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	133772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	262049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	74424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82965	56.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.20%	
35) Dibromofluoromethane	7.74	113	77999	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.19	98	316362	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.49	95	94445	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	1284	7.368	ug/l #	80
16) Acetone	3.97	43	884	2.128	ug/l	98
20) Methylene Chloride	4.74	84	4146	Below Cal		88
31) Cyclohexane	7.80	56	3329	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11557	4.663	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13600	6.467	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	47790	57.405	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	47790	111.214	ug/l #	17
95) Naphthalene	15.24	128	61557	18.885	ug/l	99

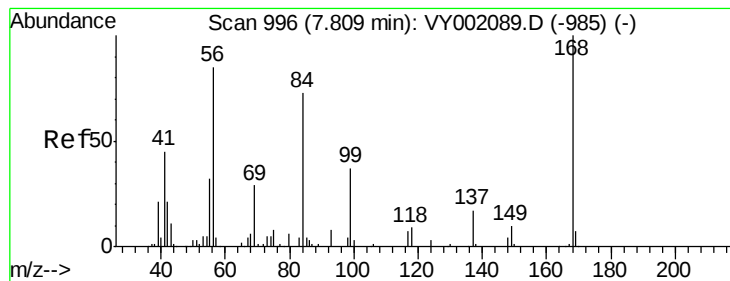
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
Data File : VY002230.D
Acq On : 06 Apr 2020 12:40
Operator : SY/MD
Sample : L2123-01
Misc : 8.18G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 07 04:23:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

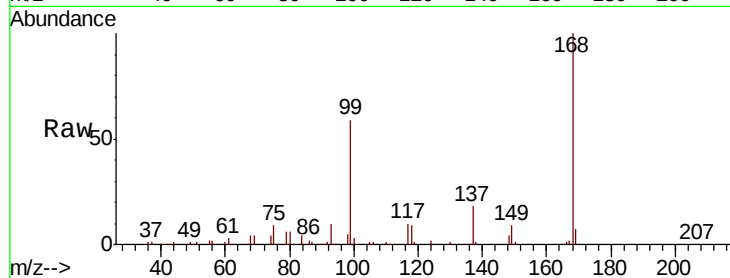
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 133772

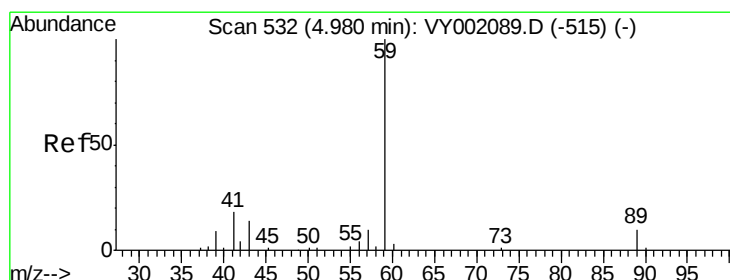
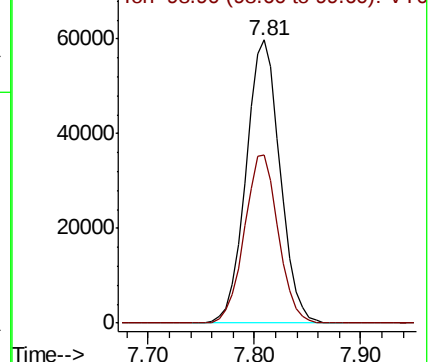
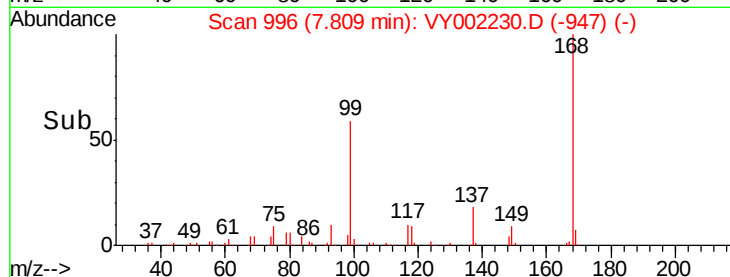
Ion Ratio Lower Upper

168 100

99 59.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002230.D (-947) (-)



#11

Tert butyl alcohol

Concen: 7.368 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.01 min

Lab File: VY002230.D

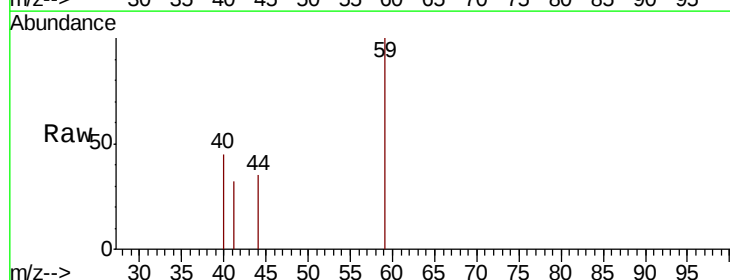
Acq: 06 Apr 2020 12:40

Tgt Ion: 59 Resp: 1284

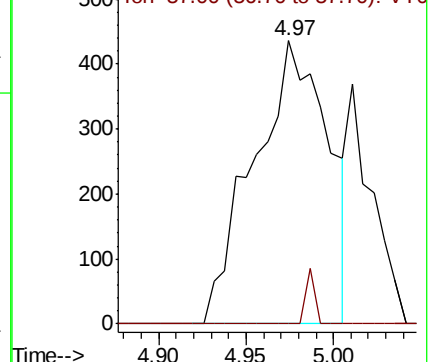
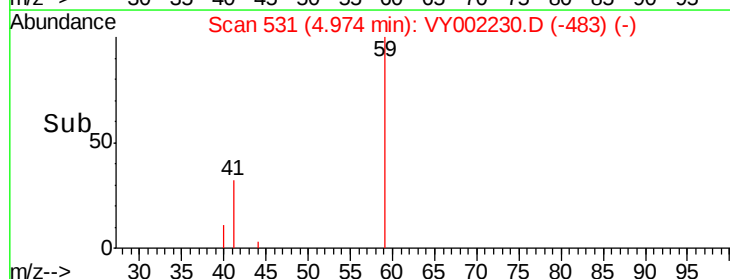
Ion Ratio Lower Upper

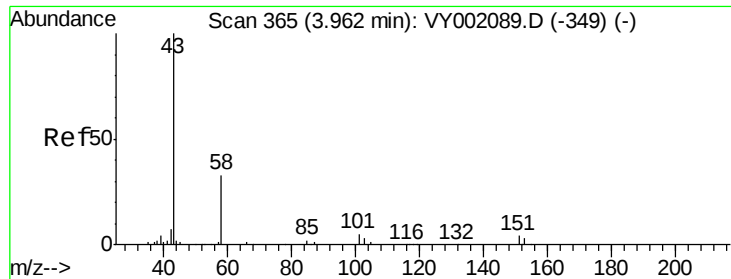
59 100

57 2.4 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002230.D (-483) (-)





#16

Acetone

Concen: 2.128 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :

MSVOA_Y

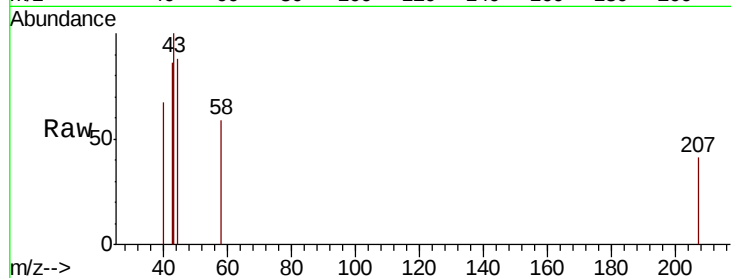
ClientSampleId :

Tot Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

58 31.9 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

400

300

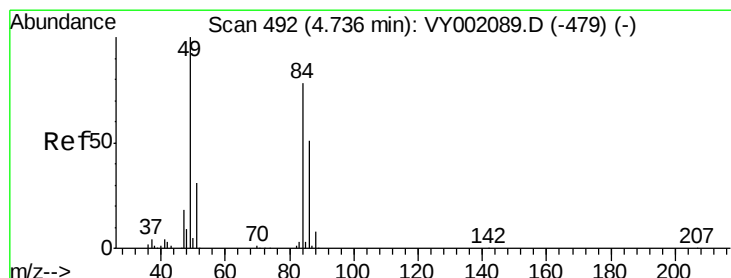
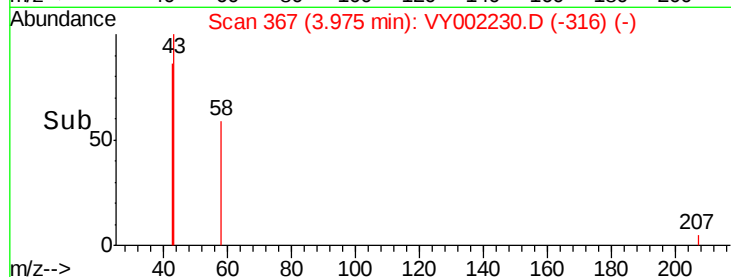
200

100

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Tgt Ion: 84 Resp: 4146

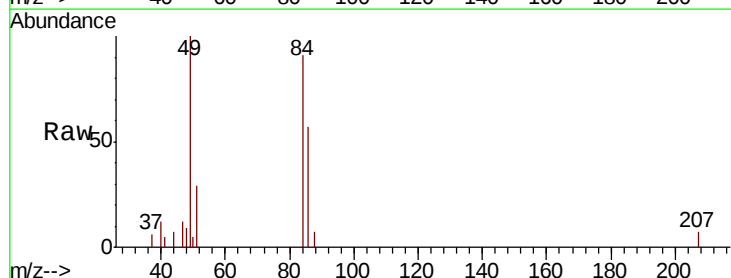
Ion Ratio Lower Upper

84 100

49 109.8 102.2 153.4

51 31.7 31.2 46.8

86 62.7 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002089.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002089.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002089.D (-479) (-)

2500

2000

1500

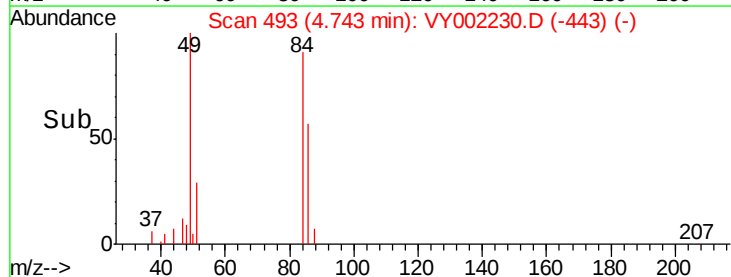
1000

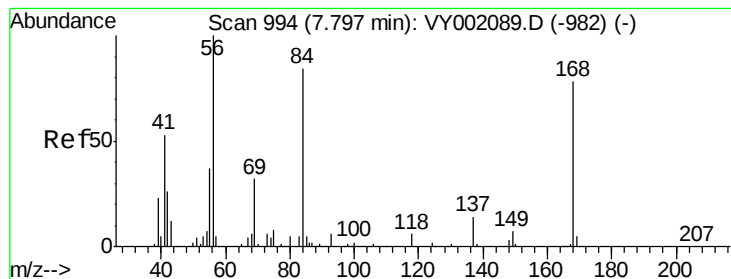
500

0

4.65 4.70 4.75 4.80

Time-->





#31

Cyclohexane

Concen: 1.081 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :

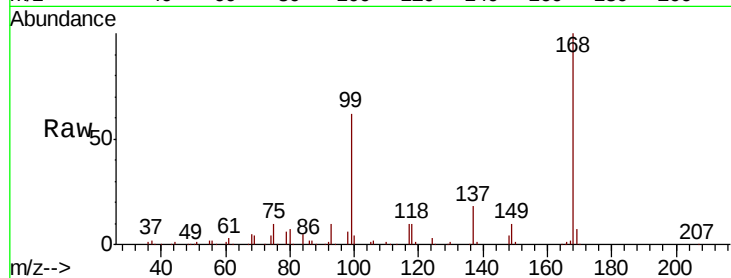
Tot Ion: 56 Resp: 3329

Ion Ratio Lower Upper

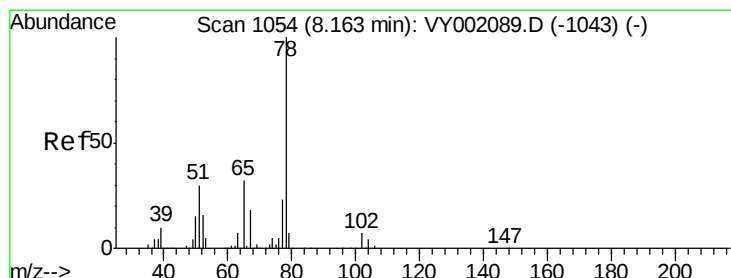
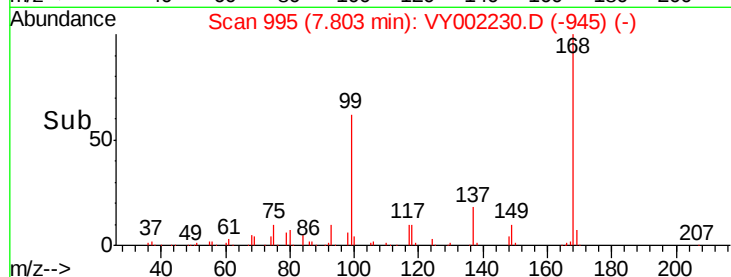
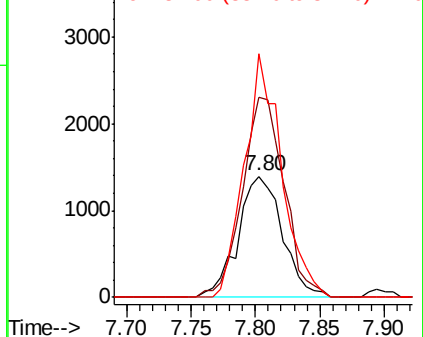
56 100

69 165.2 25.8 38.8#

84 201.4 67.1 100.7#



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: 56.102 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002230.D

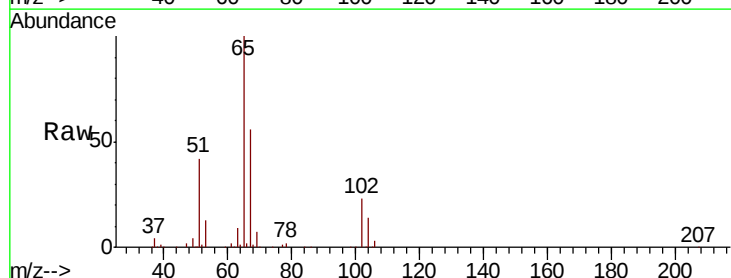
Acq: 06 Apr 2020 12:40

Tgt Ion: 65 Resp: 82965

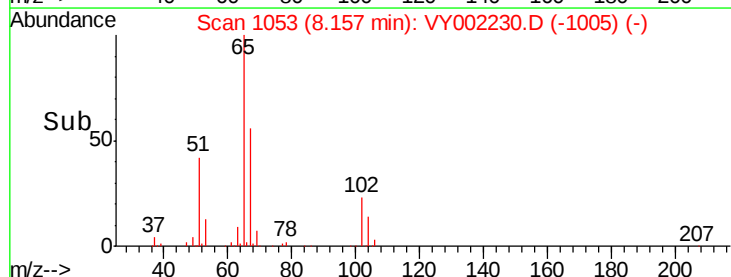
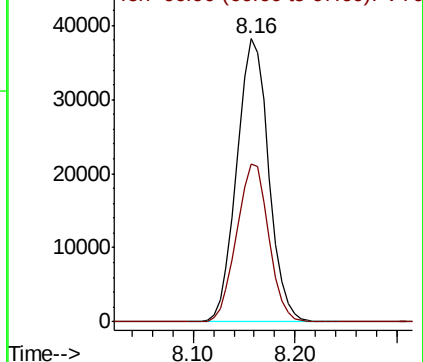
Ion Ratio Lower Upper

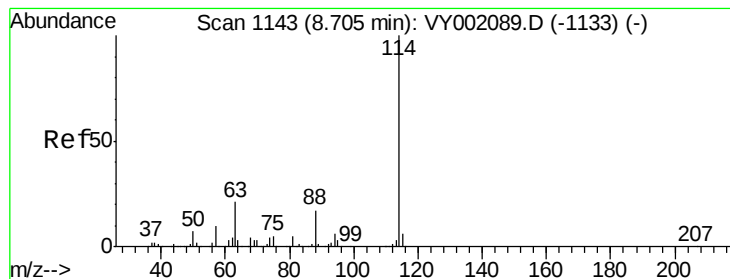
65 100

67 56.2 0.0 112.8



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: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :

MSVOA_Y

ClientSampleId :

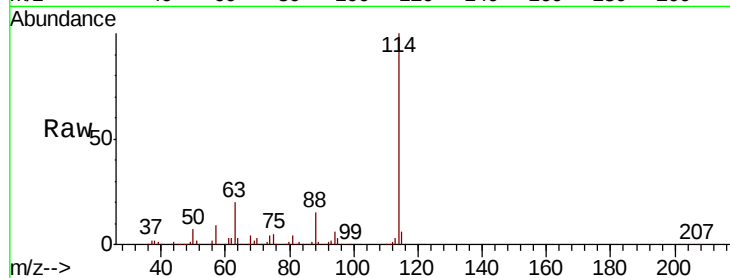
Tot Ion:114 Resp: 262049

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

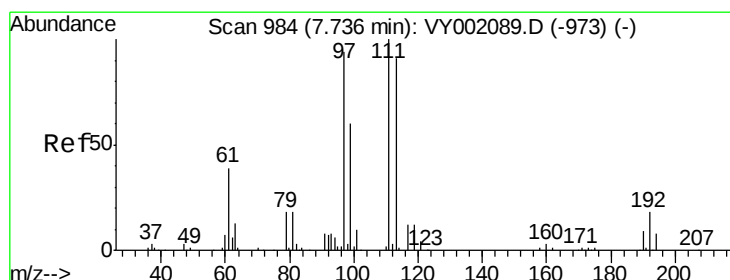
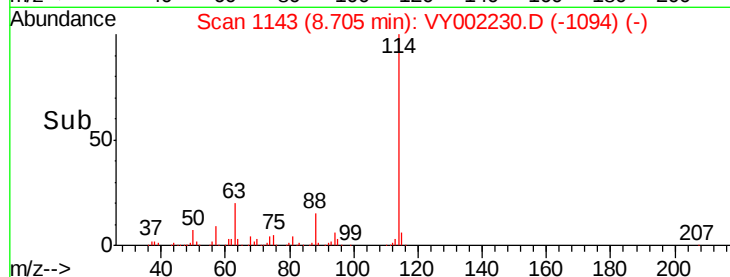
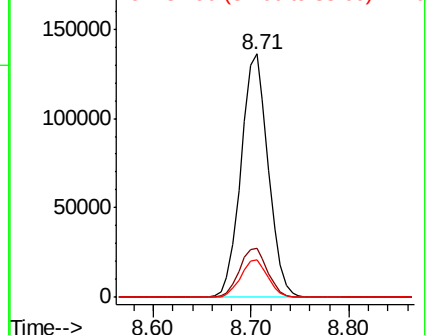
88 15.3 0.0 33.0



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: 53.122 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

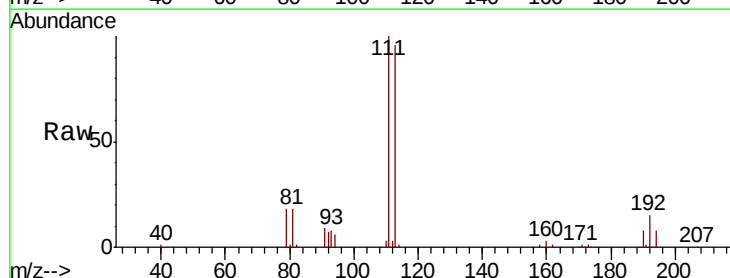
Tgt Ion:113 Resp: 77999

Ion Ratio Lower Upper

113 100

111 105.6 84.4 126.6

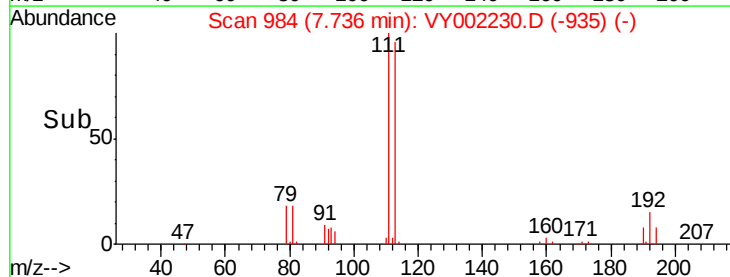
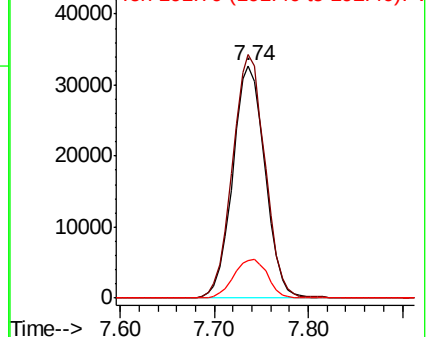
192 17.4 14.6 21.8

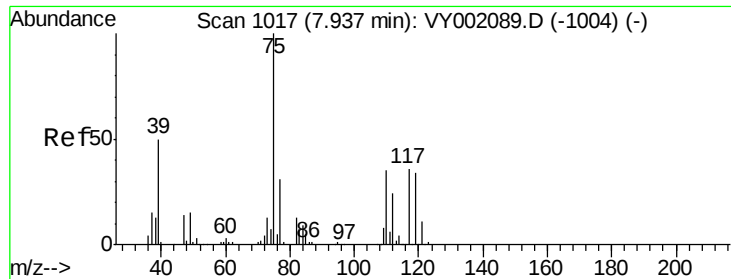


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

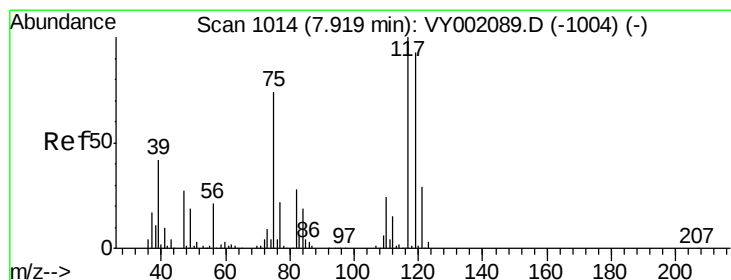
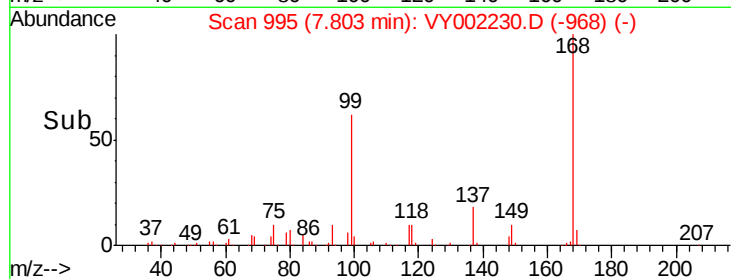
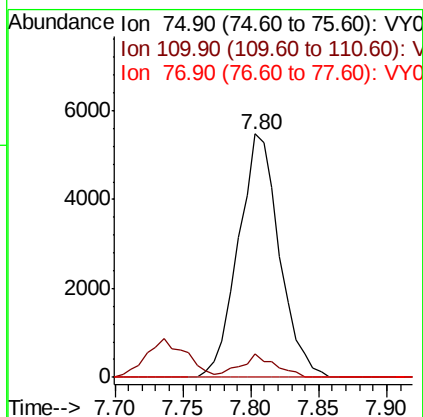
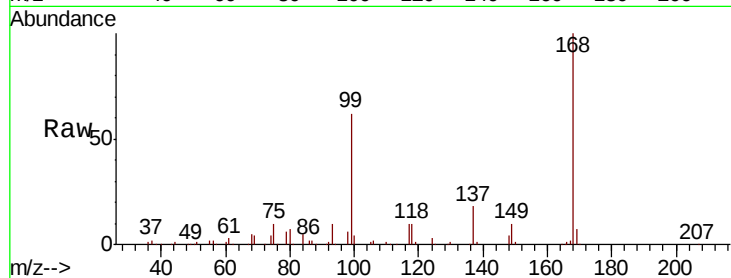




#36
 1,1-Dichloropropene
 Concen: 4.663 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002230.D
 Acq: 06 Apr 2020 12:40

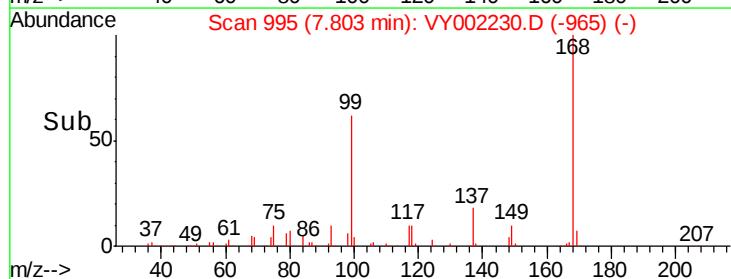
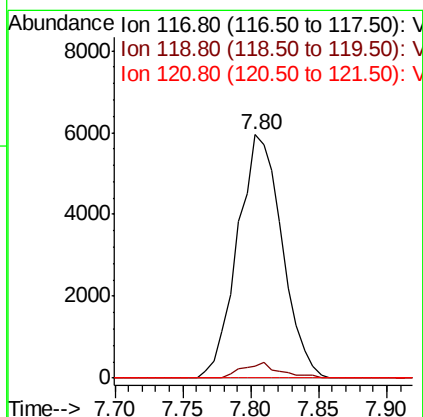
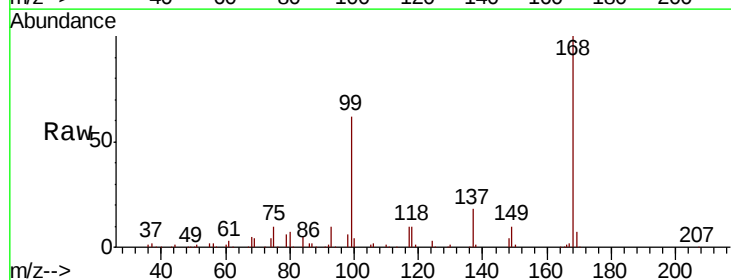
Instrument :
 MSVOA_Y
 ClientSampled :

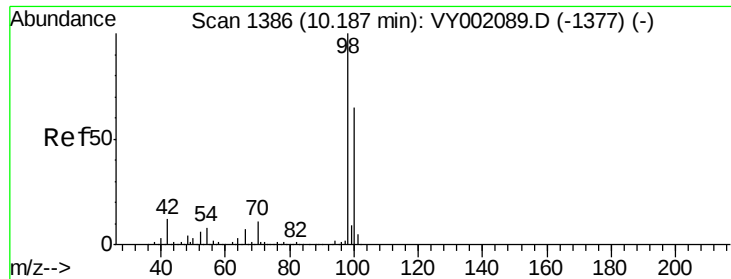
Tot Ion	75	Resp	11557
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.467 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002230.D
 Acq: 06 Apr 2020 12:40

Tgt Ion	117	Resp	13600
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 51.865 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :

MSVOA_Y

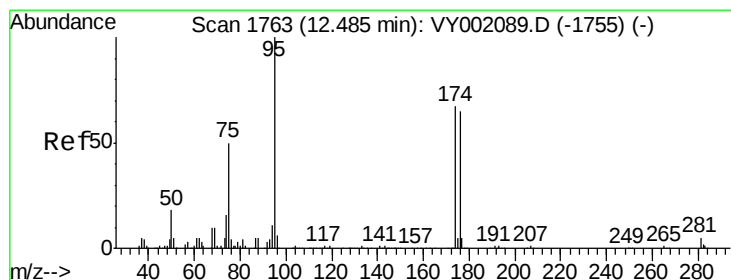
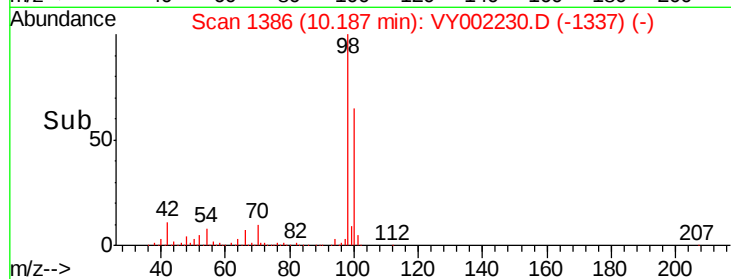
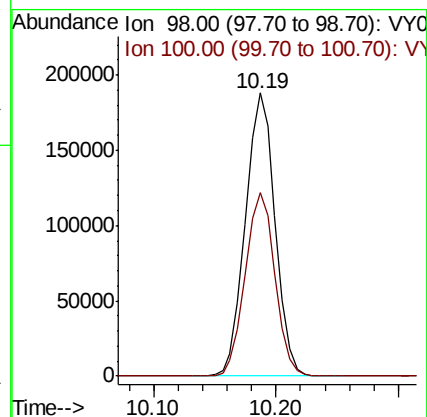
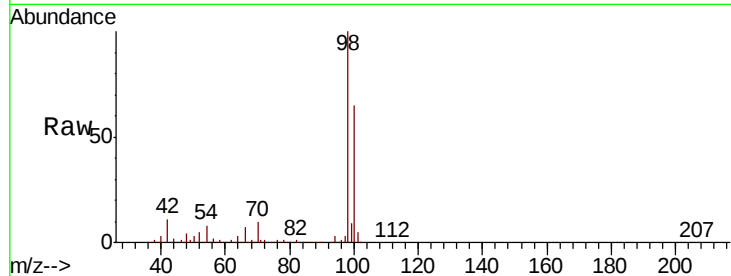
ClientSampleId :

Tot Ion: 98 Resp: 316362

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 44.273 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

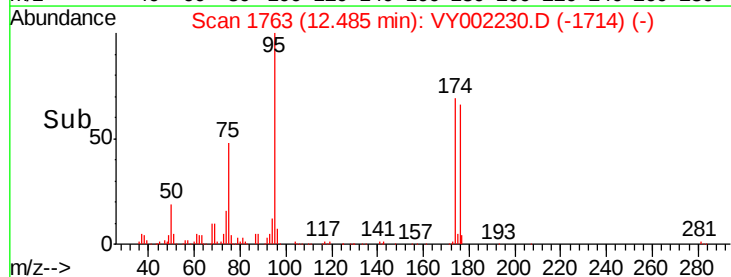
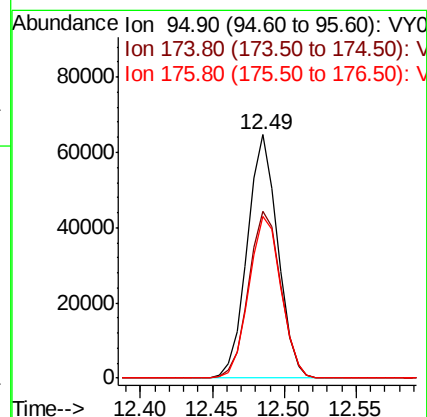
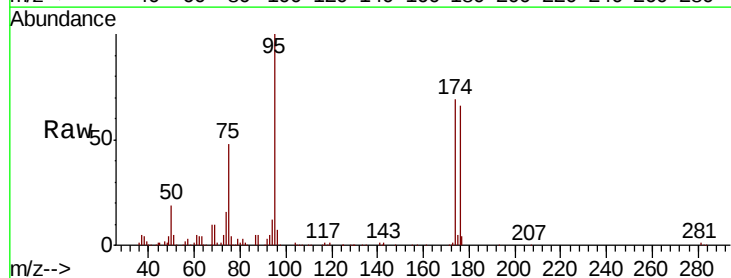
Tgt Ion: 95 Resp: 94445

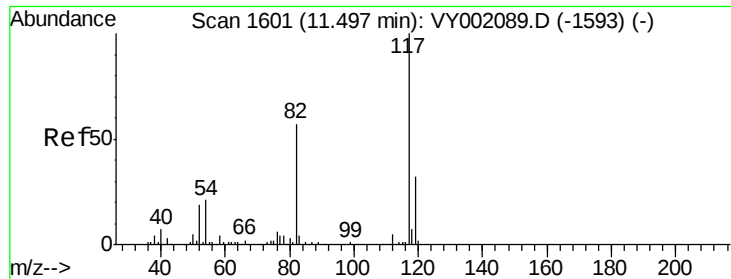
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 70.0 0.0 137.0

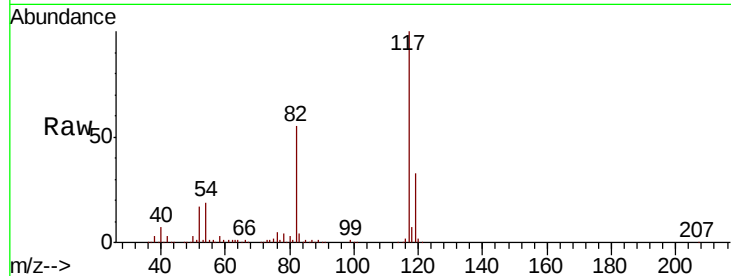




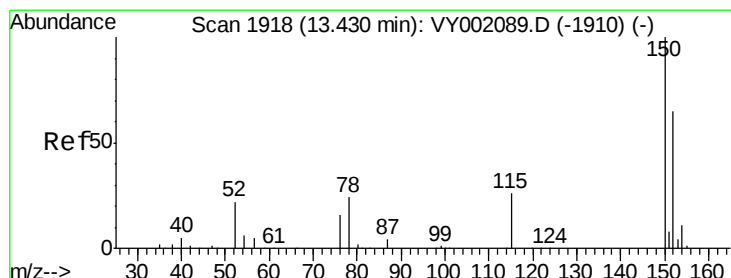
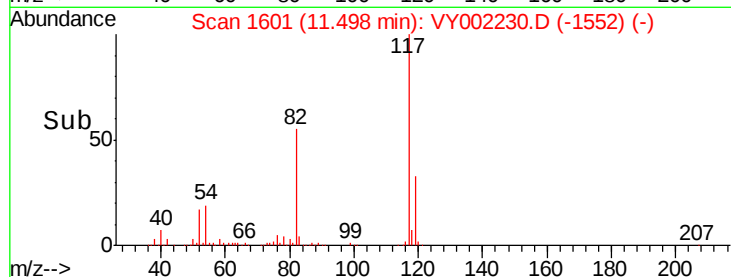
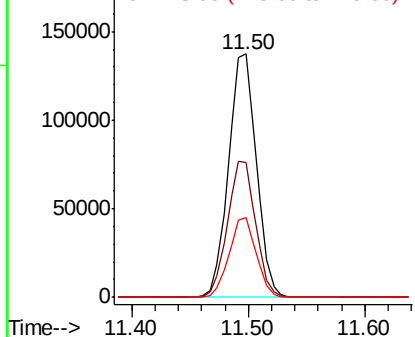
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002230.D
Acq: 06 Apr 2020 12:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 228561
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 32.6 25.3 37.9

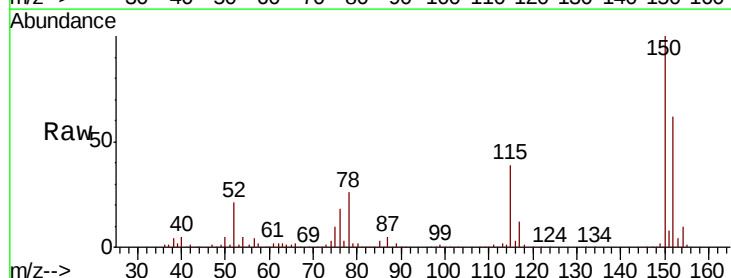


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

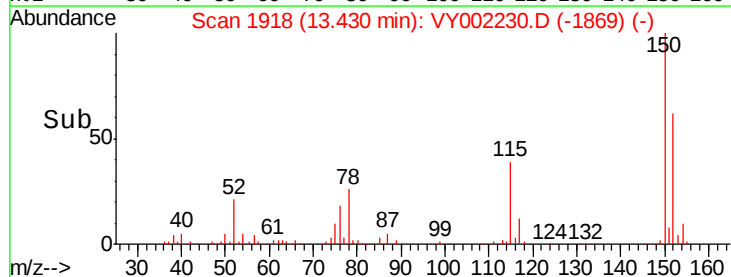
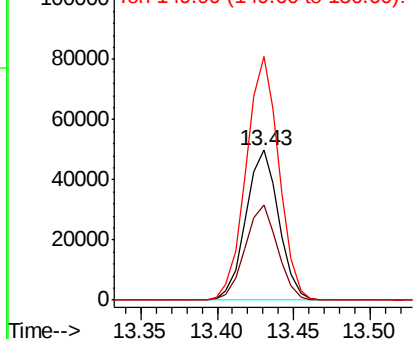


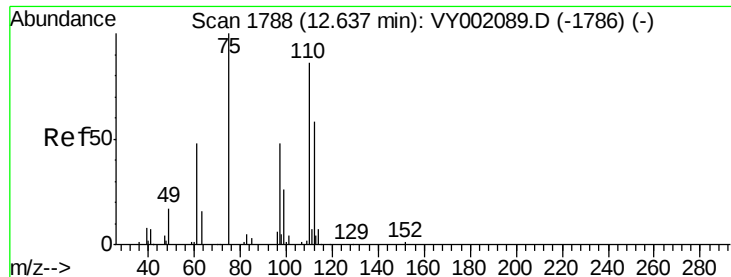
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002230.D
Acq: 06 Apr 2020 12:40

Tgt Ion:152 Resp: 74424
Ion Ratio Lower Upper
152 100
115 62.6 31.2 93.6
150 161.6 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: 57.405 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

Instrument :

MSVOA_Y

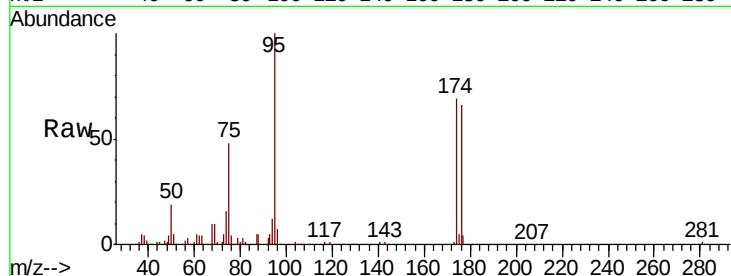
ClientSampleId :

Tot Ion: 75 Resp: 47790

Ion Ratio Lower Upper

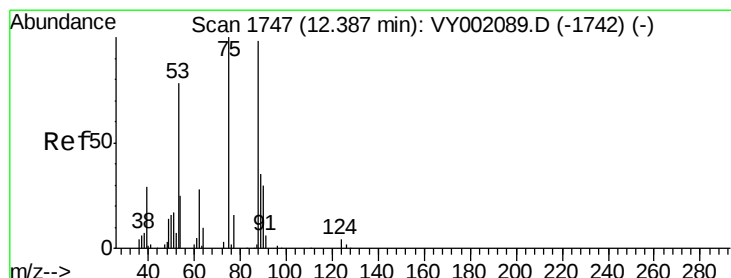
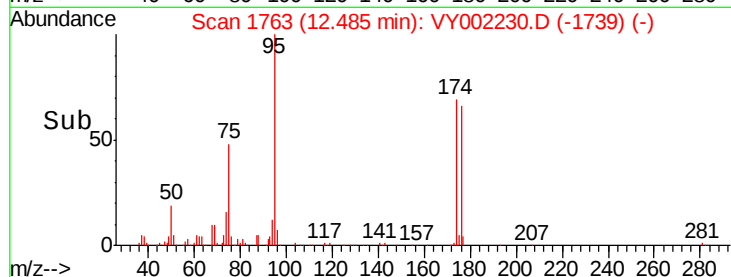
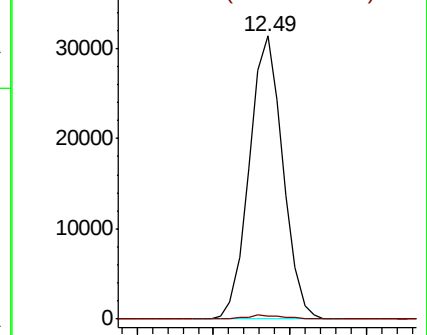
75 100

77 1.4 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: 111.214 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002230.D

Acq: 06 Apr 2020 12:40

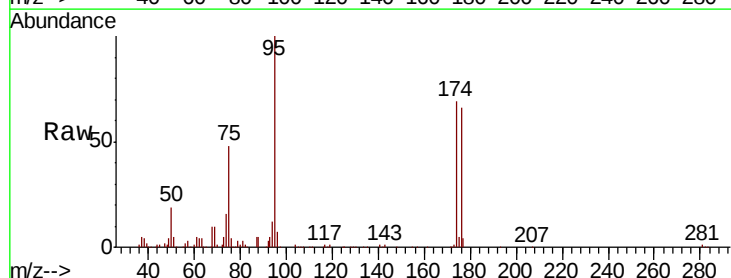
Tgt Ion: 75 Resp: 47790

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

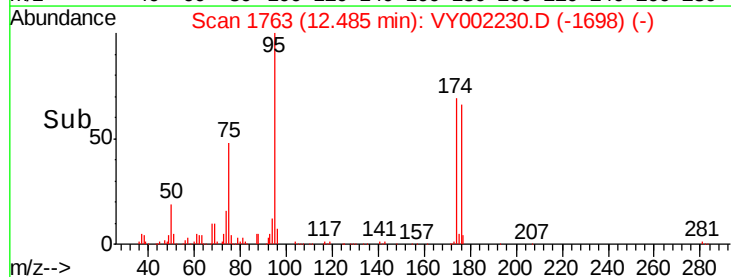
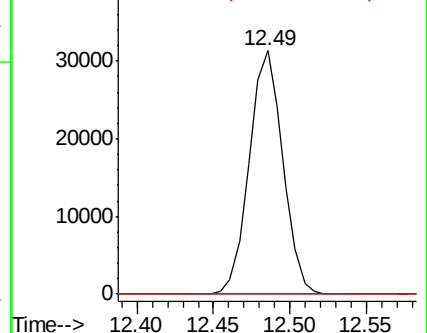
89 0.1 33.4 50.0#

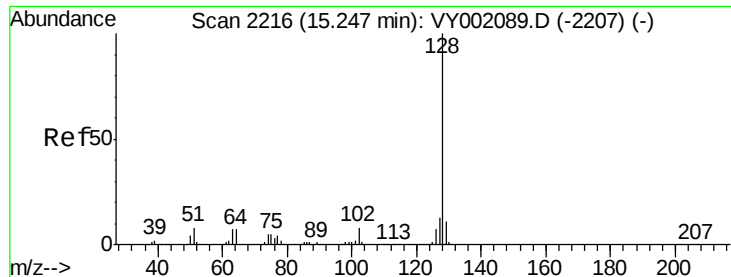


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

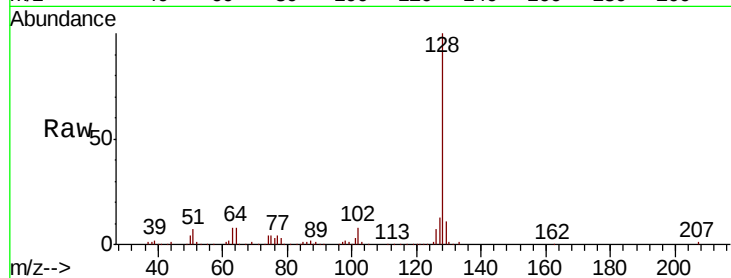




#95
 Naphthalene
 Concen: 18.885 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY002230.D
 Acq: 06 Apr 2020 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	11.1	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

