

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002102.D
 Acq On : 27 Mar 2020 14:02
 Operator : SY/MD
 Sample : L2017-02
 Misc : 8.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FE-SB-35-(7-7.5)

Quant Time: Mar 30 03:24:51 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

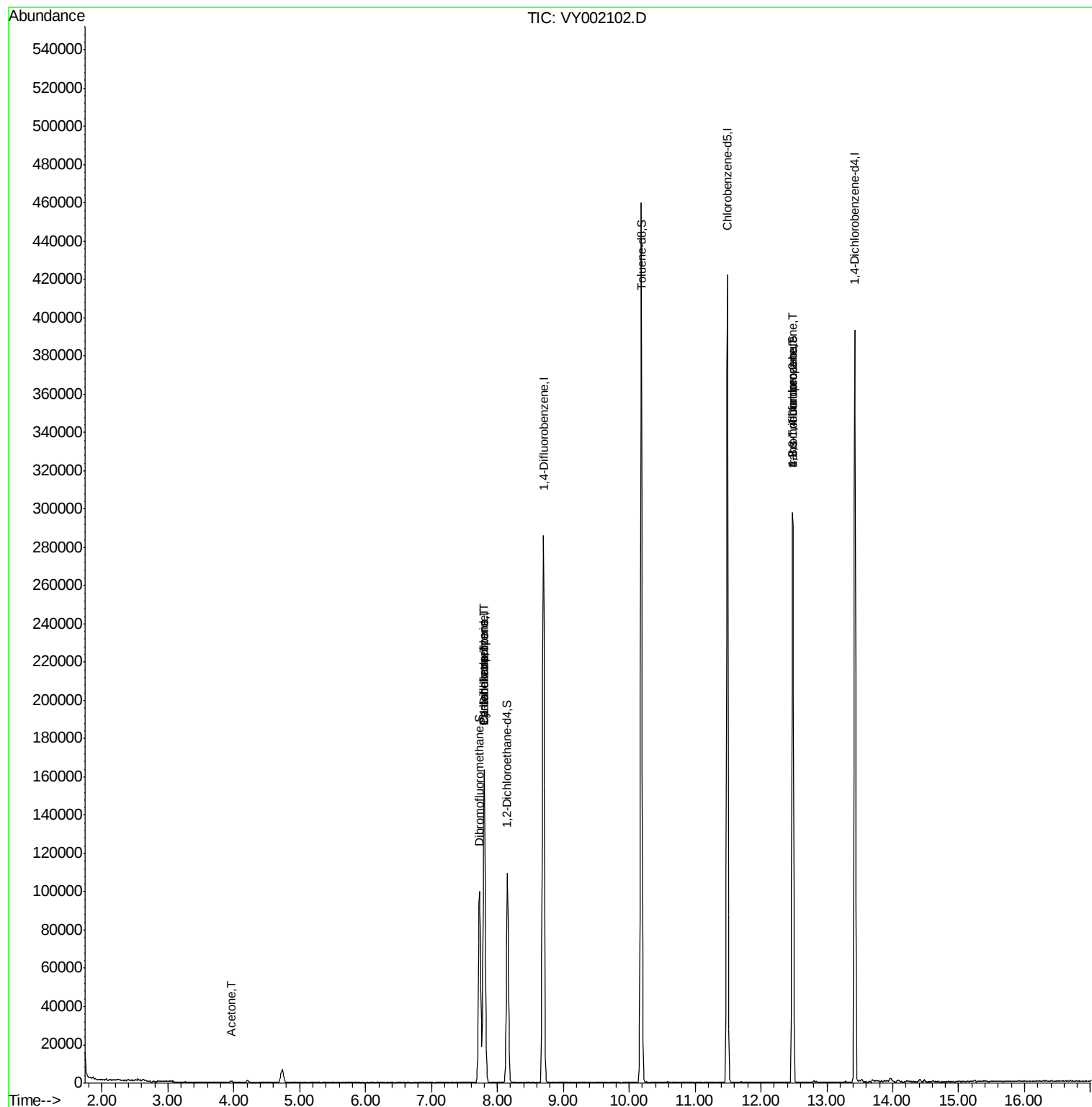
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	242025	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	220834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	93683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	78920	57.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.92%	
35) Dibromofluoromethane	7.73	113	72034	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.18	98	293636	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.48	95	98143	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	27	Below Cal	#	43
16) Acetone	3.96	43	1515	3.926	ug/l #	86
20) Methylene Chloride	4.73	84	5142	Below Cal		95
31) Cyclohexane	7.80	56	2911	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10427	4.555	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13029	6.708	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	49774	47.497	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	49774	92.019	ug/l #	17

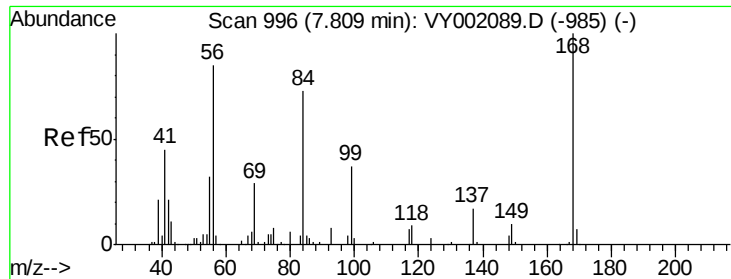
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

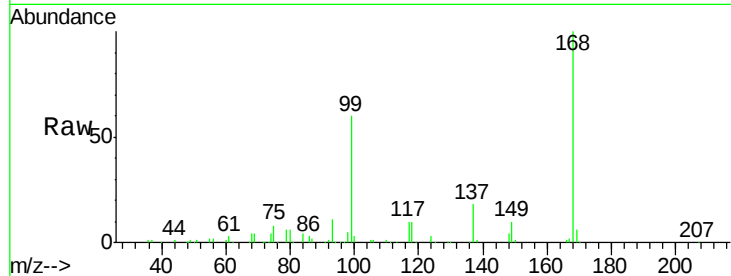
FE-SB-35-(7-7.5)

Tgt Ion:168 Resp: 124252

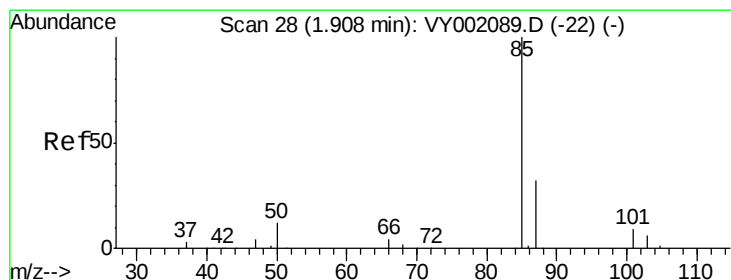
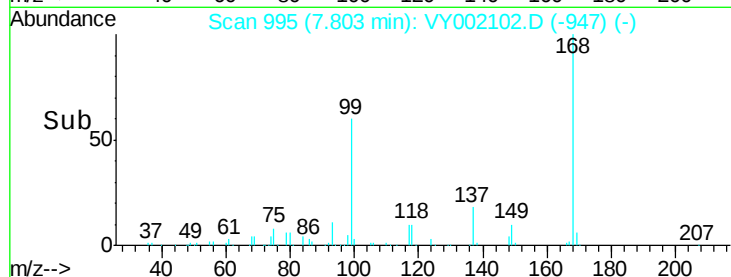
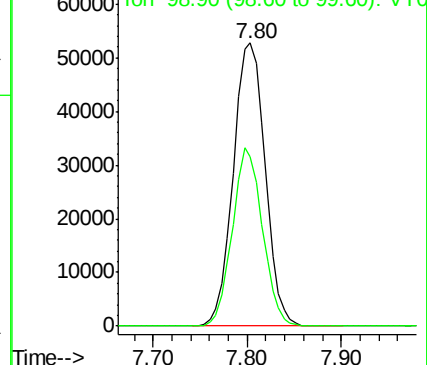
Ion Ratio Lower Upper

168 100

99 59.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002102.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002102.D

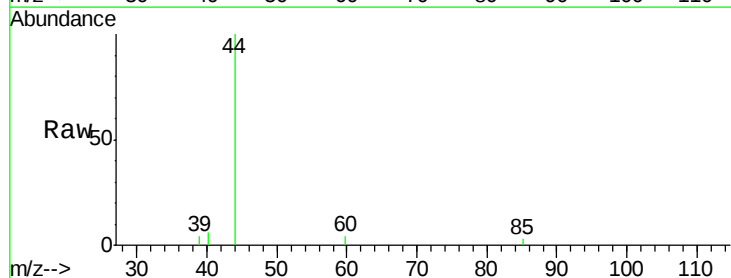
Acq: 27 Mar 2020 14:02

Tgt Ion: 85 Resp: 27

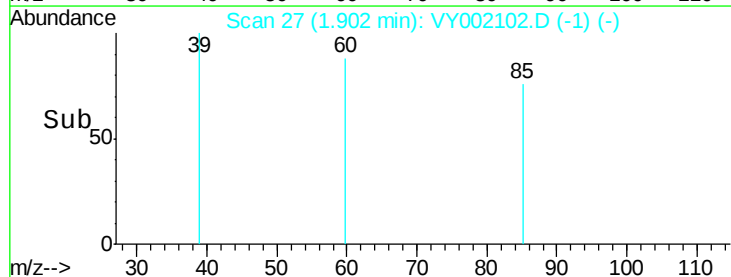
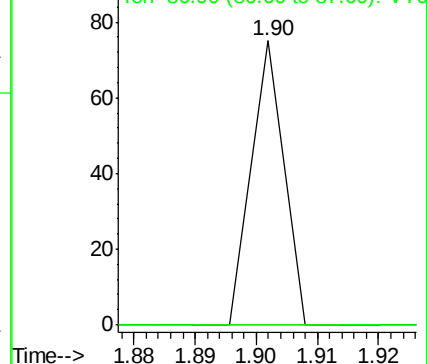
Ion Ratio Lower Upper

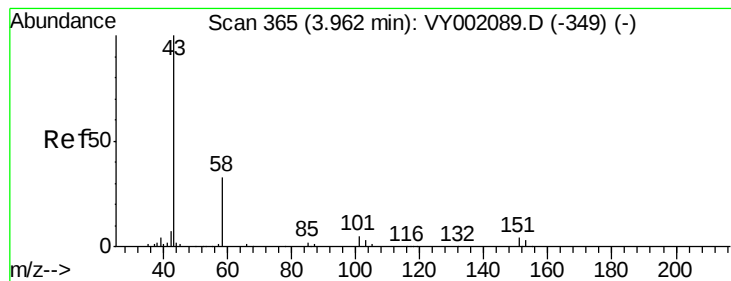
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002102.D (-1) (-)





#16

Acetone

Concen: 3.926 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

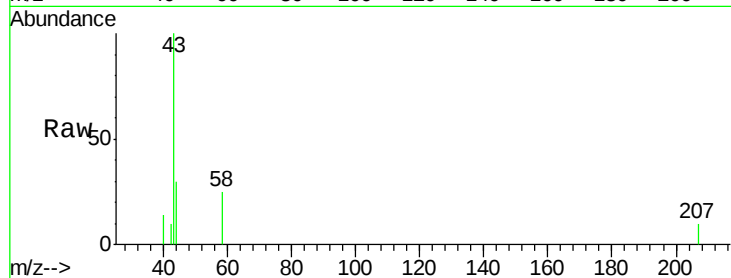
FE-SB-35-(7-7.5)

Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

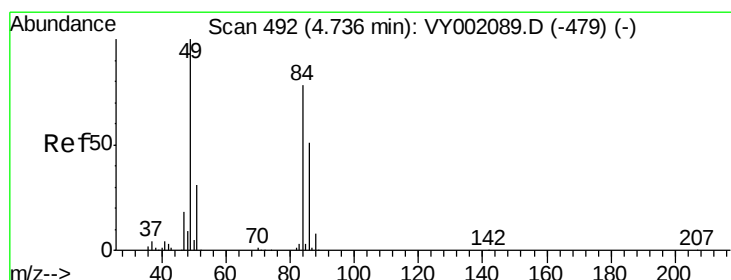
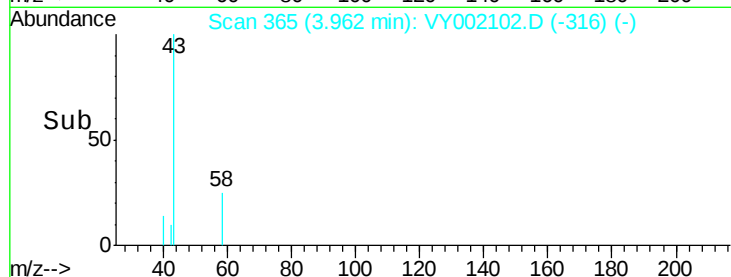
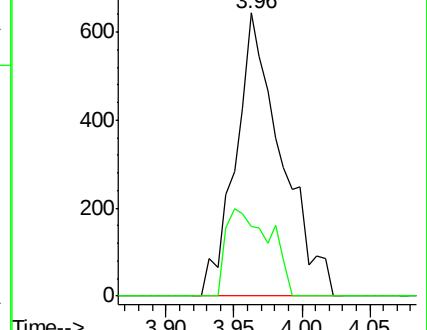
43 100

58 24.7 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002102.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002102.D (-316) (-)



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Tgt Ion: 84 Resp: 5142

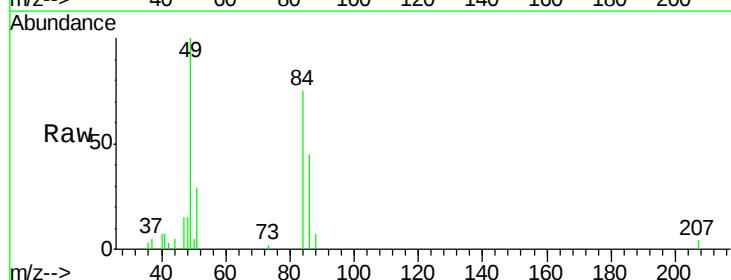
Ion Ratio Lower Upper

84 100

49 132.8 102.2 153.4

51 38.1 31.2 46.8

86 59.6 52.6 78.8

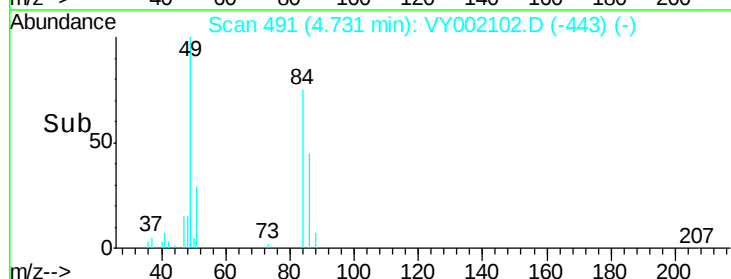
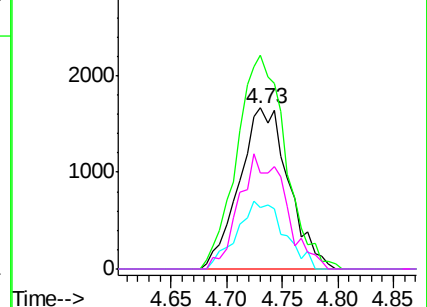


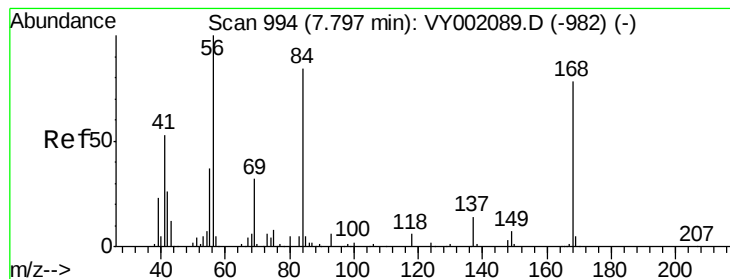
Abundance Ion 83.90 (83.60 to 84.60): VY002102.D (-443) (-)

Ion 48.90 (48.60 to 49.60): VY002102.D (-443) (-)

Ion 50.90 (50.60 to 51.60): VY002102.D (-443) (-)

Ion 85.90 (85.60 to 86.60): VY002102.D (-443) (-)





#31

Cyclohexane

Concen: 1.017 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

FE-SB-35-(7-7.5)

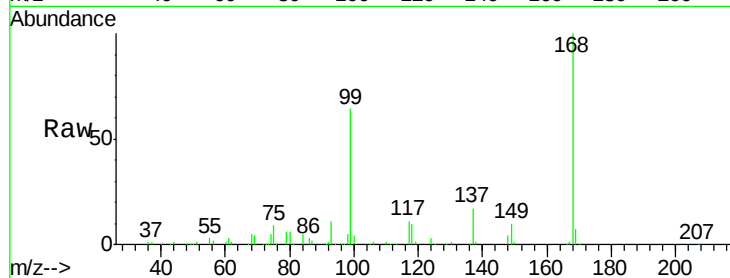
Tgt Ion: 56 Resp: 2911

Ion Ratio Lower Upper

56 100

69 194.8 25.8 38.8#

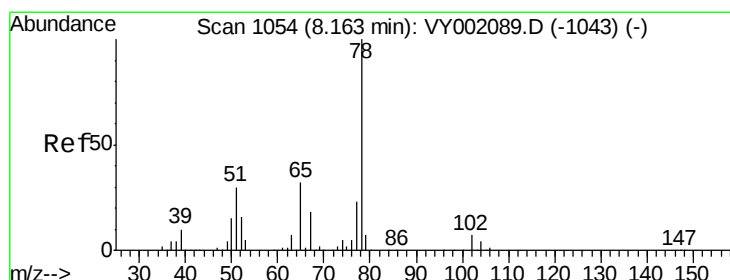
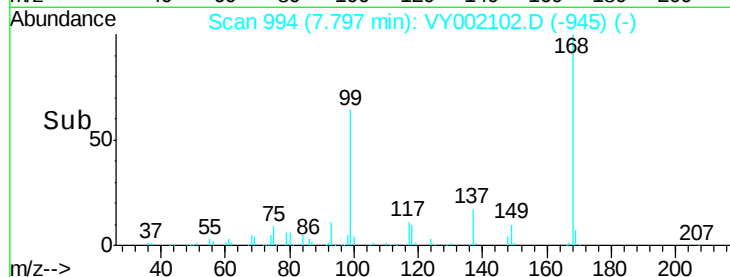
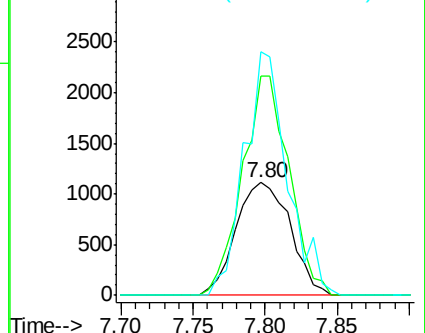
84 216.1 67.1 100.7#



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: 57.456 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002102.D

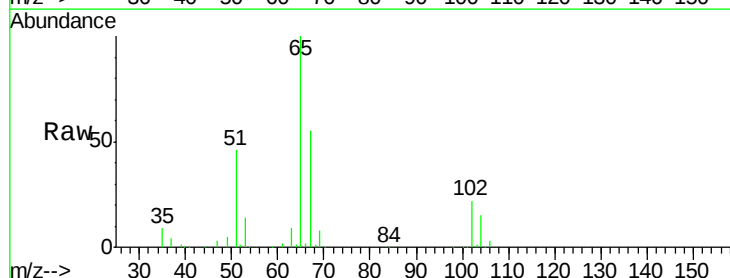
Acq: 27 Mar 2020 14:02

Tgt Ion: 65 Resp: 78920

Ion Ratio Lower Upper

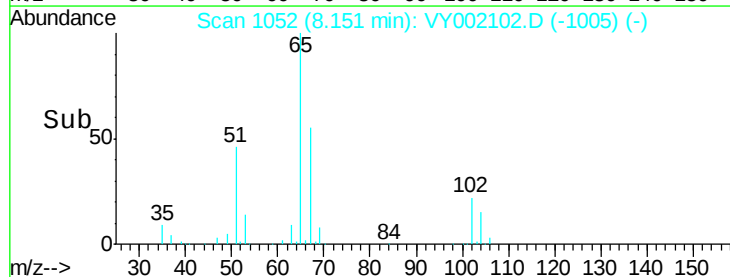
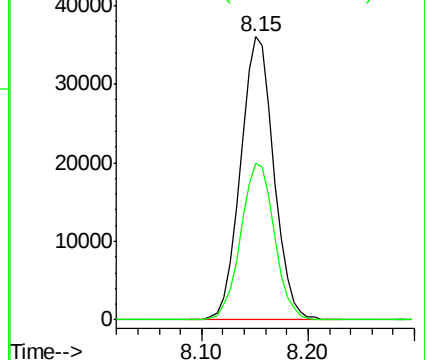
65 100

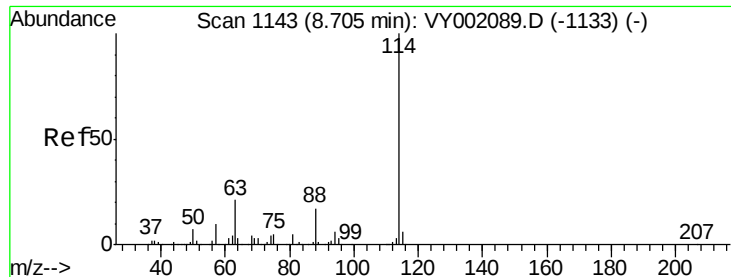
67 55.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

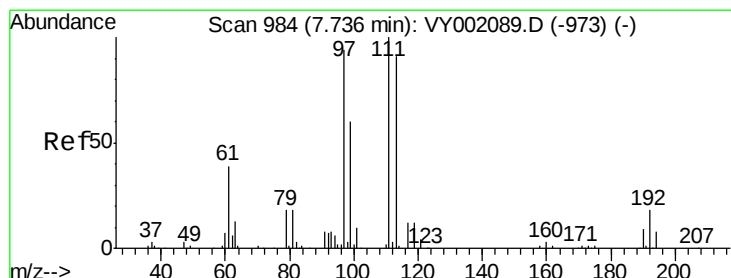
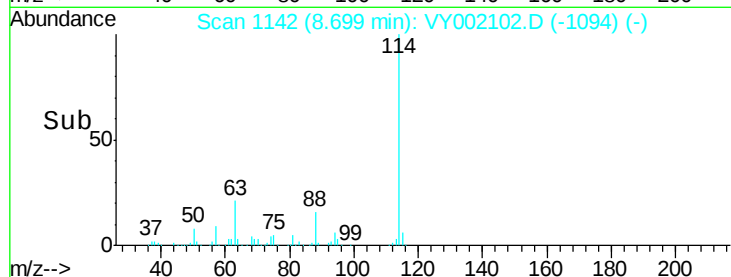
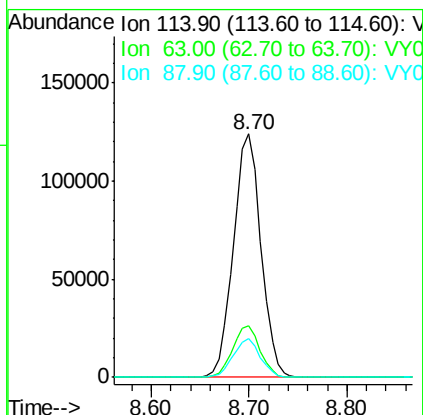
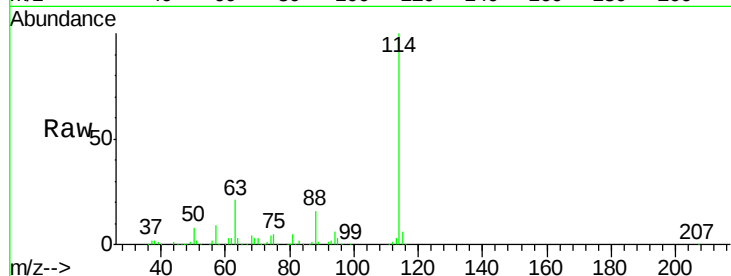




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002102.D
 Acq: 27 Mar 2020 14:02

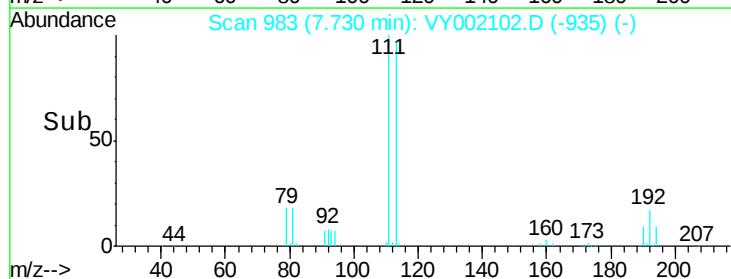
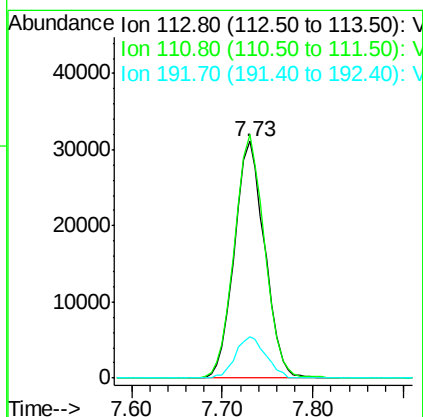
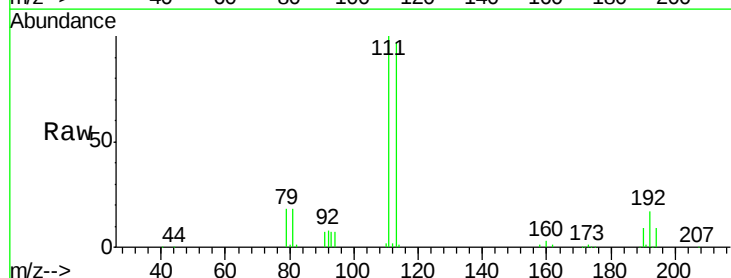
Instrument :
 MSVOA_Y
 ClientSampleId :
 FE-SB-35-(7-7.5)

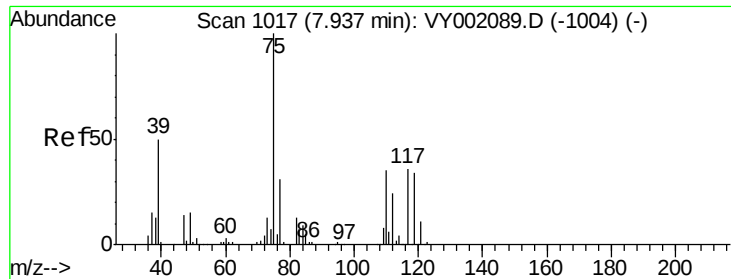
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.8	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 53.118 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002102.D
 Acq: 27 Mar 2020 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.4	126.6
192	17.5	14.6	21.8

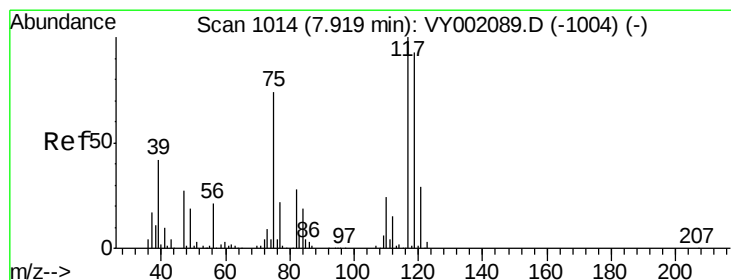
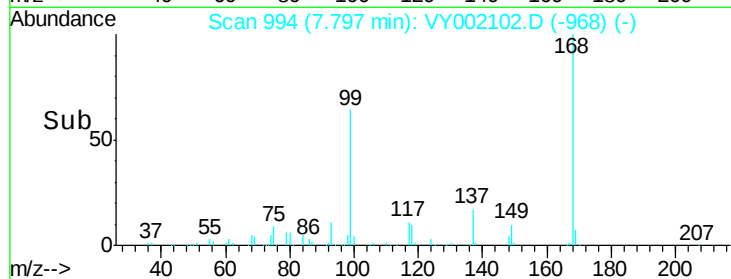
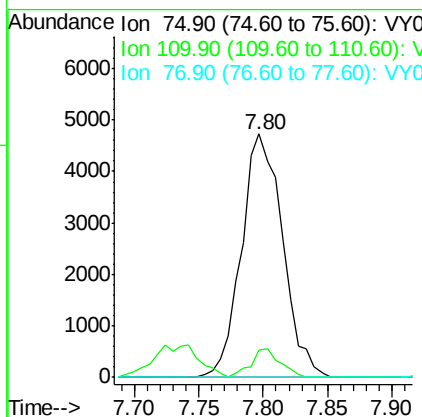
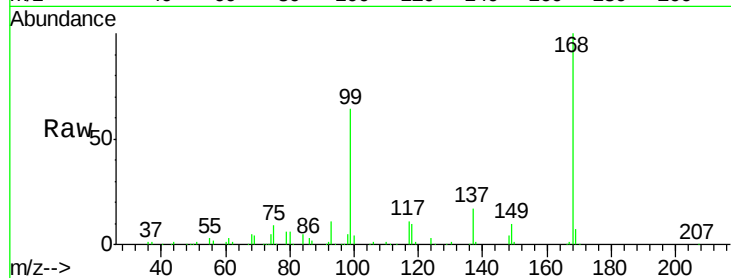




#36
 1,1-Dichloropropene
 Concen: 4.555 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002102.D
 Acq: 27 Mar 2020 14:02

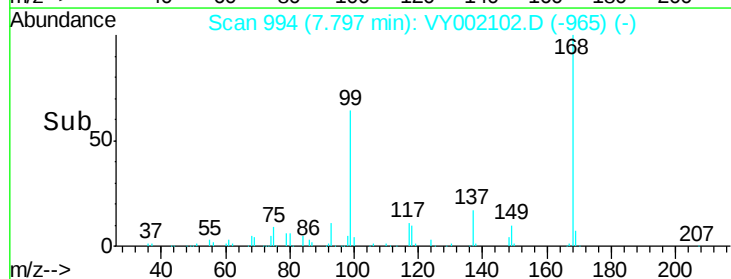
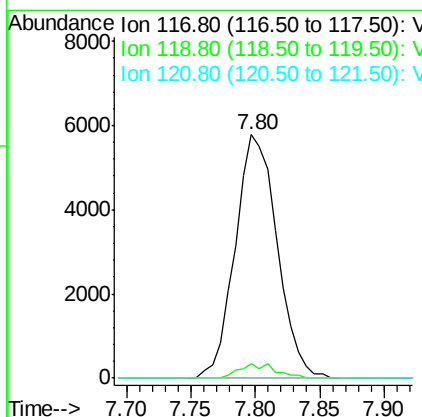
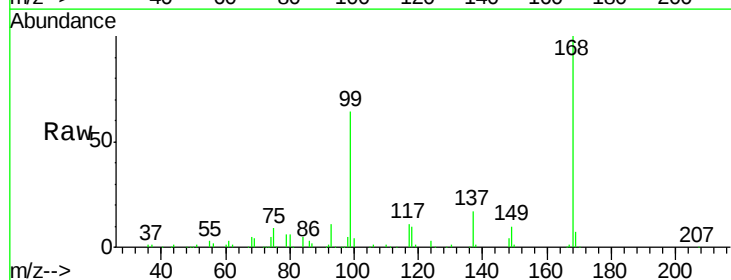
Instrument :
 MSVOA_Y
 ClientSampleId :
 FE-SB-35-(7-7.5)

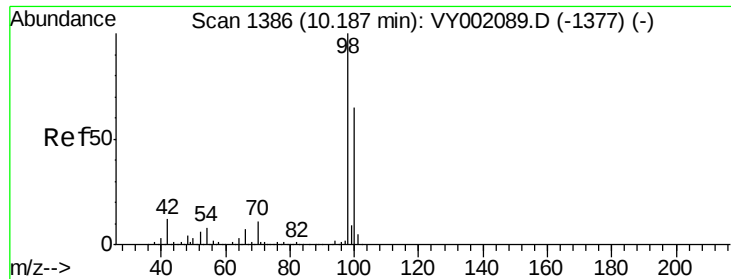
Tgt Ion: 75 Resp: 10427
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.2 51.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.708 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002102.D
 Acq: 27 Mar 2020 14:02

Tgt Ion: 117 Resp: 13029
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.3 111.5#
 121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 52.123 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

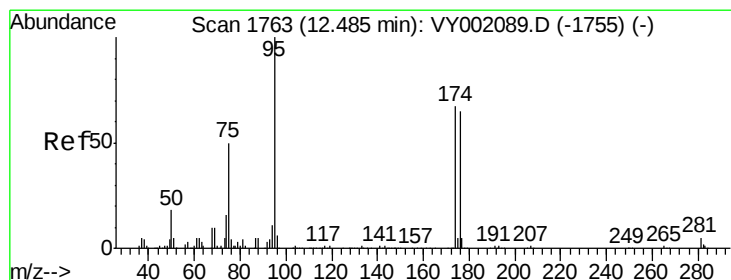
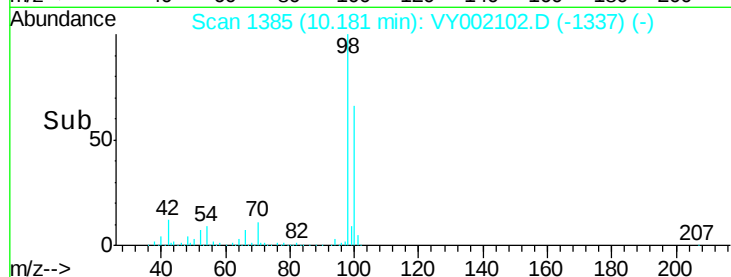
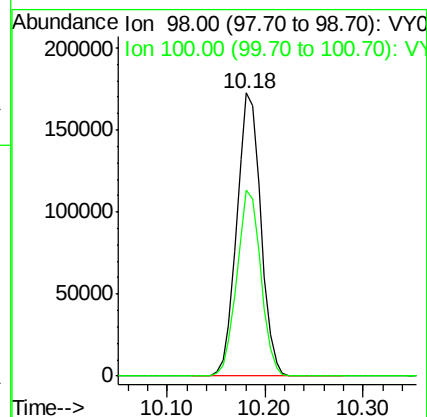
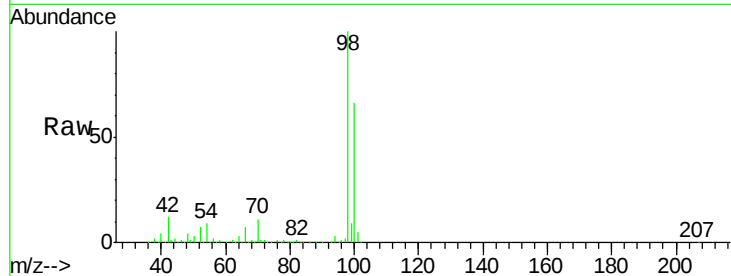
FE-SB-35-(7-7.5)

Tgt Ion: 98 Resp: 293636

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 49.812 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

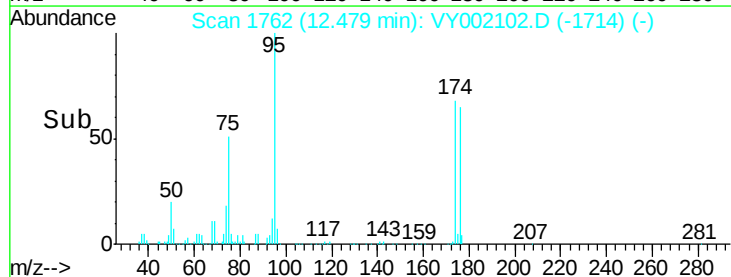
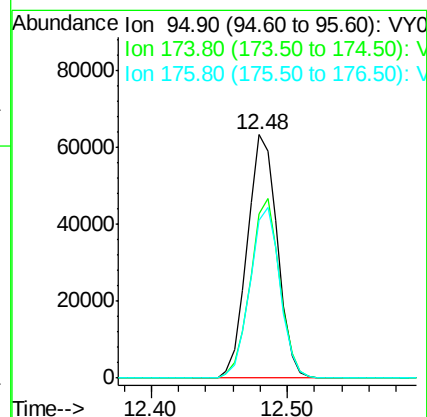
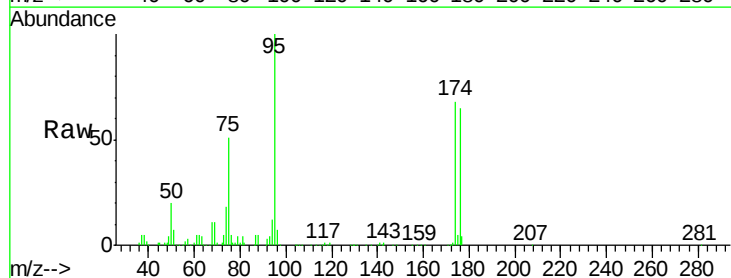
Tgt Ion: 95 Resp: 98143

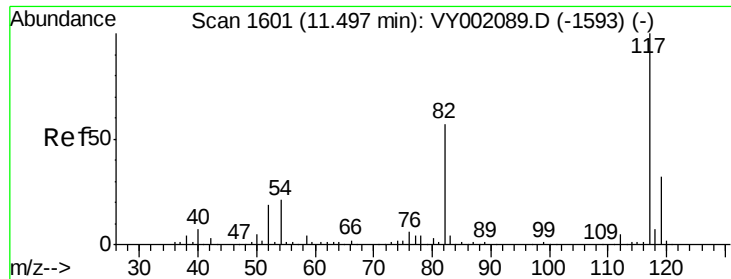
Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.4

176 70.0 0.0 137.0

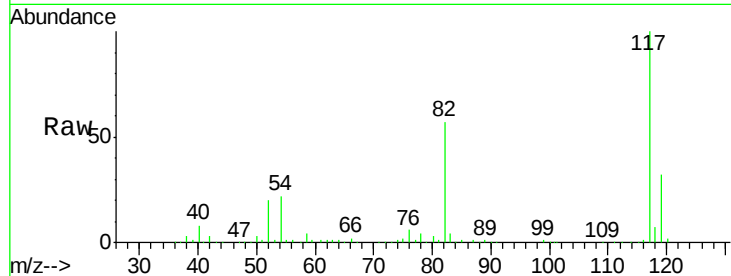




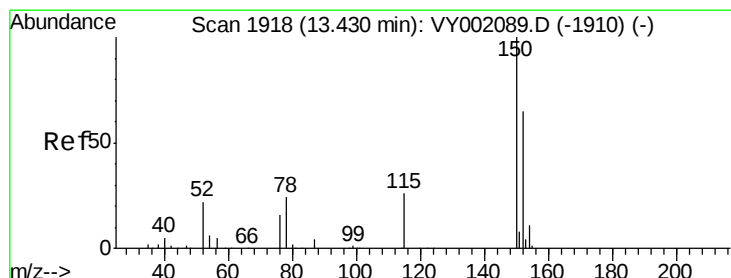
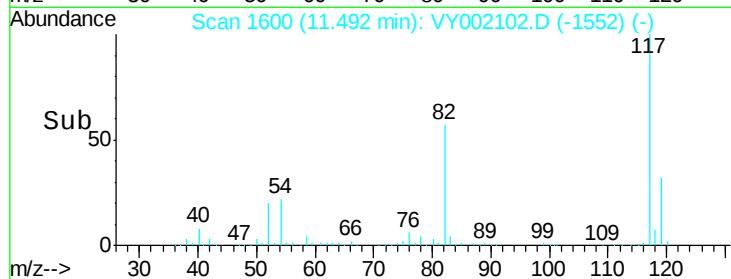
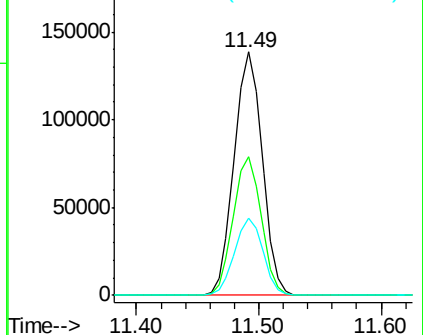
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002102.D
Acq: 27 Mar 2020 14:02

Instrument :
MSVOA_Y
ClientSampled :
FE-SB-35-(7-7.5)

Tgt Ion:117 Resp: 220834
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.7 25.3 37.9

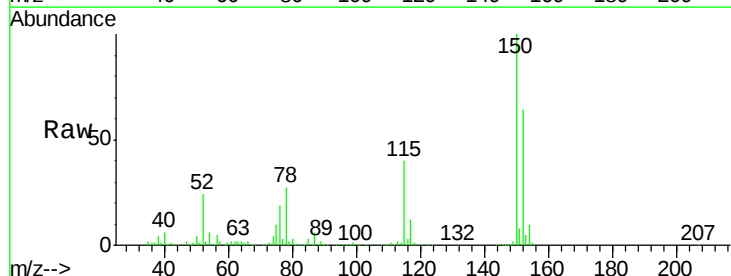


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

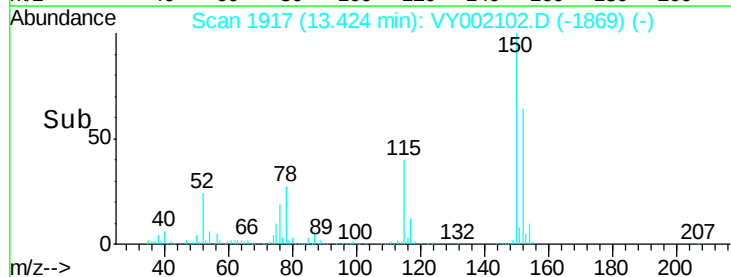
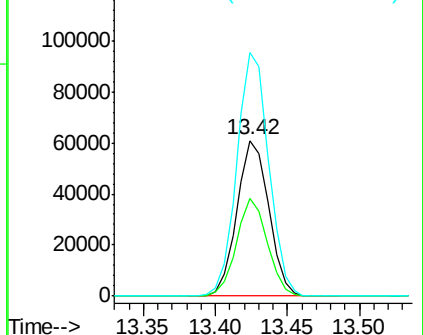


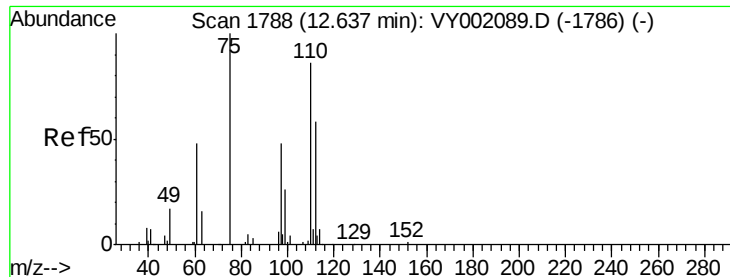
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002102.D
Acq: 27 Mar 2020 14:02

Tgt Ion:152 Resp: 93683
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 156.5 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: 47.497 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Instrument :

MSVOA_Y

ClientSampled :

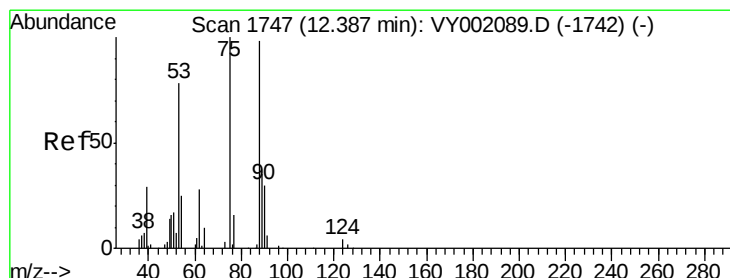
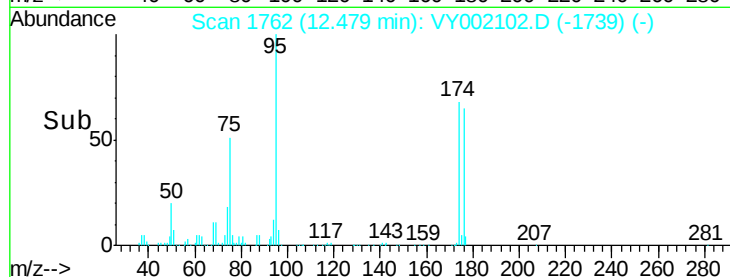
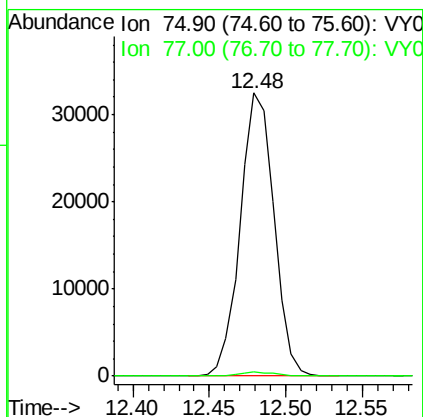
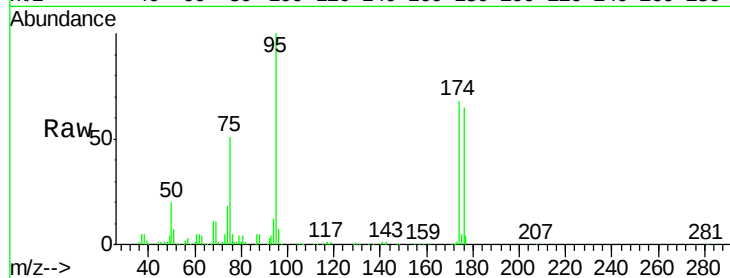
FE-SB-35-(7-7.5)

Tgt Ion: 75 Resp: 49774

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.019 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002102.D

Acq: 27 Mar 2020 14:02

Tgt Ion: 75 Resp: 49774

Ion Ratio Lower Upper

75 100

53 0.1 65.0 97.4#

89 0.0 33.4 50.0#

