

Data File : VY000862.D
Acq On : 04 Dec 2019 14:40
Operator : SY/MD
Sample : K6119-12
Misc : 4.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

Quant Time: Dec 05 07:55:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	220406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	419594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	144419	61.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.32%	
35) Dibromofluoromethane	7.73	113	124974	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.18	98	497651	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	167710	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

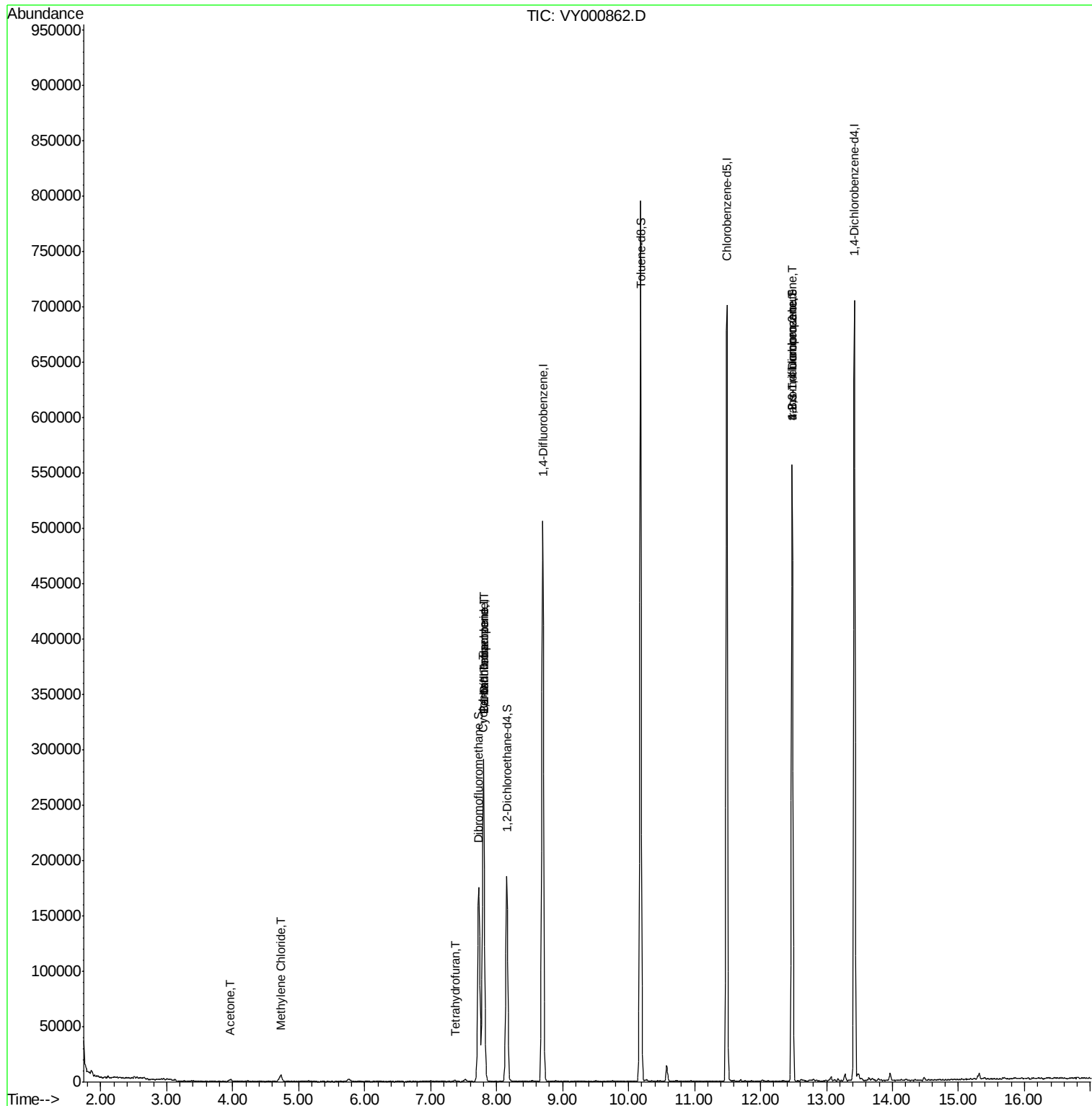
						Qvalue
5) Bromomethane	2.66	94	62	Below Cal	#	1
16) Acetone	3.96	43	3212	5.979	ug/l #	81
20) Methylene Chloride	4.72	84	3700	1.307	ug/l	93
29) Tetrahydrofuran	7.37	42	661	1.005	ug/l #	46
31) Cyclohexane	7.79	56	4998	1.005	ug/l #	25
36) 1,1-Dichloropropene	7.80	75	18462	4.425	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22298	6.001	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	87738	46.571	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87738	91.478	ug/l #	17

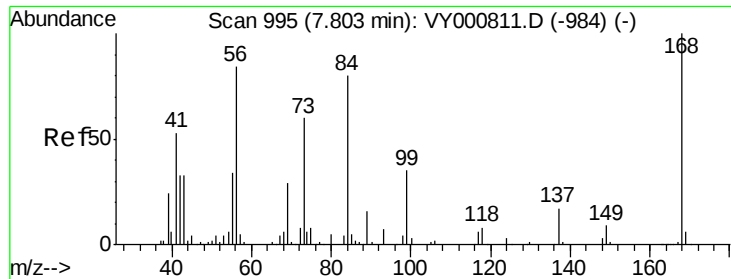
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

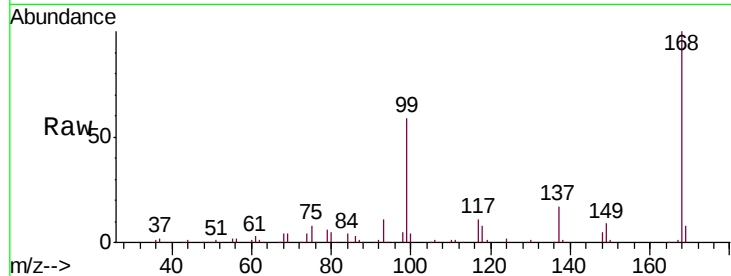
SB-1-(8-10)

Tgt Ion:168 Resp: 220406

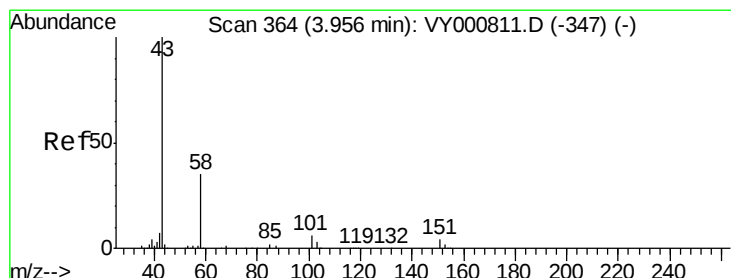
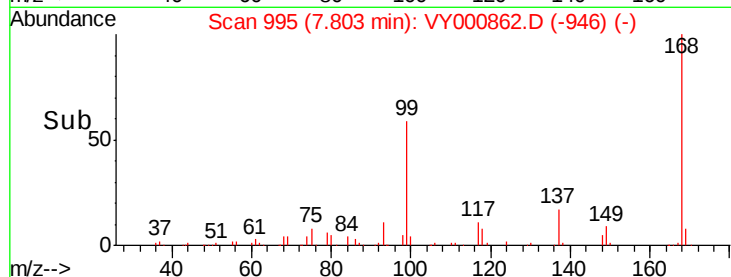
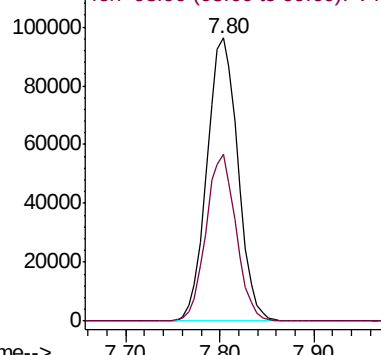
Ion Ratio Lower Upper

168 100

99 58.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)



#16

Acetone

Concen: 5.979 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000862.D

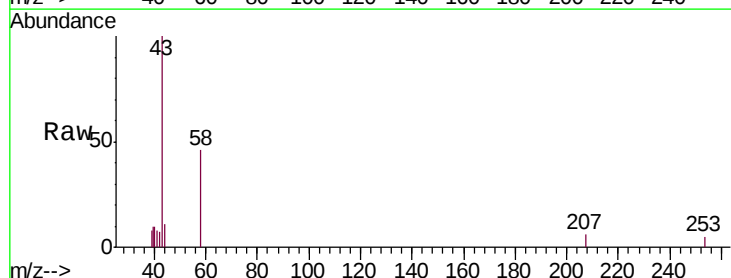
Acq: 04 Dec 2019 14:40

Tgt Ion: 43 Resp: 3212

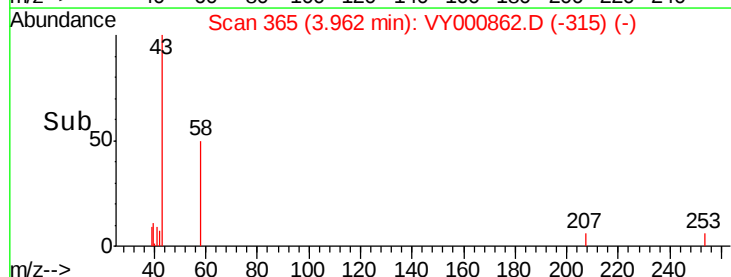
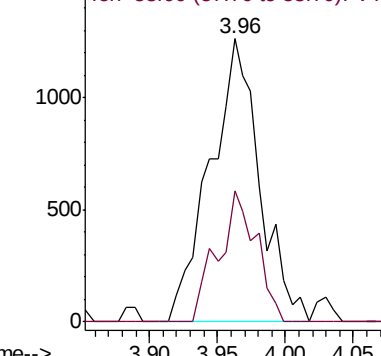
Ion Ratio Lower Upper

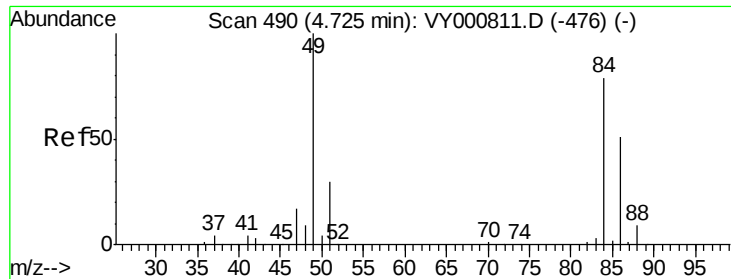
43 100

58 46.2 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

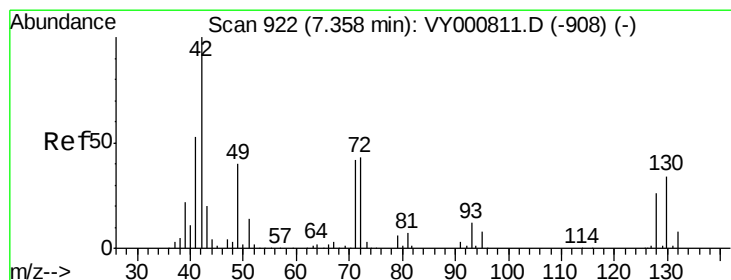
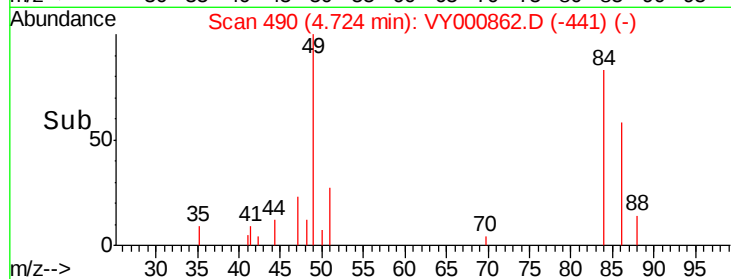
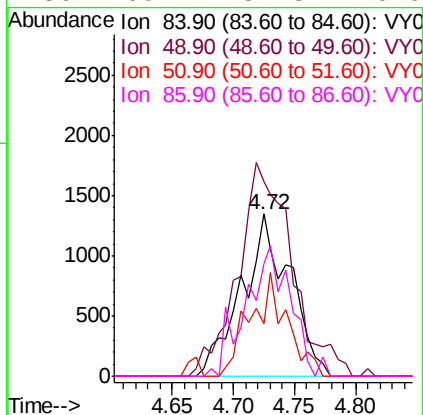
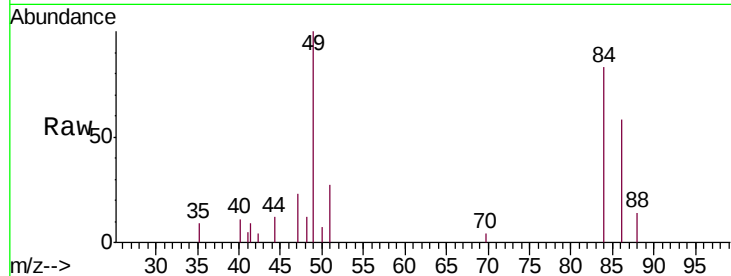




#20
Methylene Chloride
Concen: 1.307 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

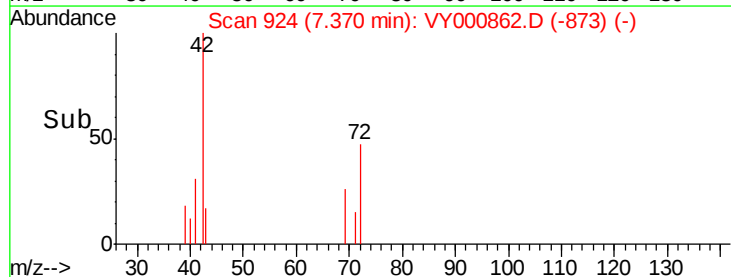
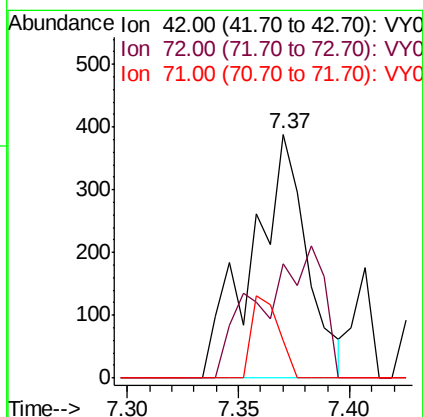
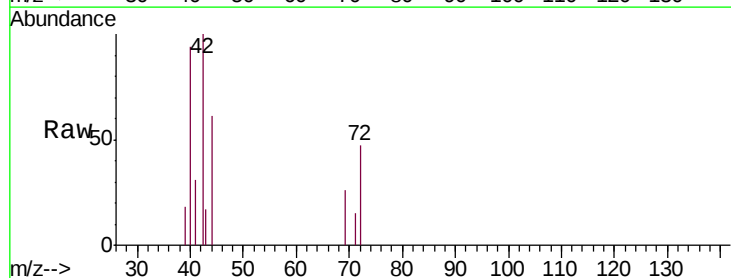
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

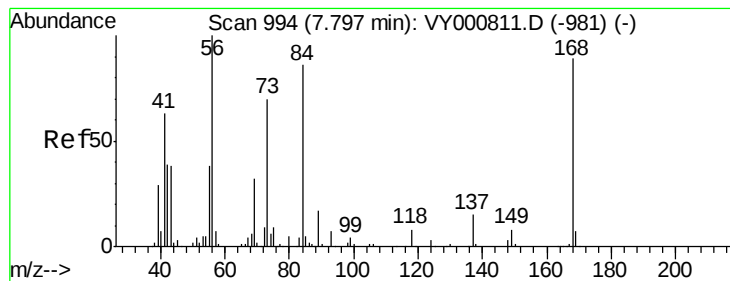
Tgt Ion:	84	Resp:	3700
Ion	Ratio	Lower	Upper
84	100		
49	120.0	101.3	151.9
51	32.2	30.6	45.8
86	69.4	51.3	76.9



#29
Tetrahydrofuran
Concen: 1.005 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

Tgt Ion:	42	Resp:	661
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	16.9	32.8	49.2#





#31

Cyclohexane

Concen: 1.005 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampled :

SB-1-(8-10)

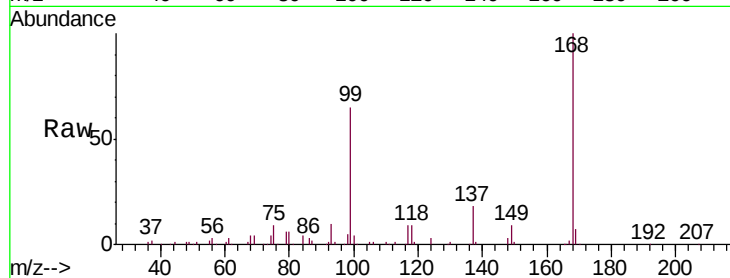
Tgt Ion: 56 Resp: 4998

Ion Ratio Lower Upper

56 100

69 135.0 25.9 38.9#

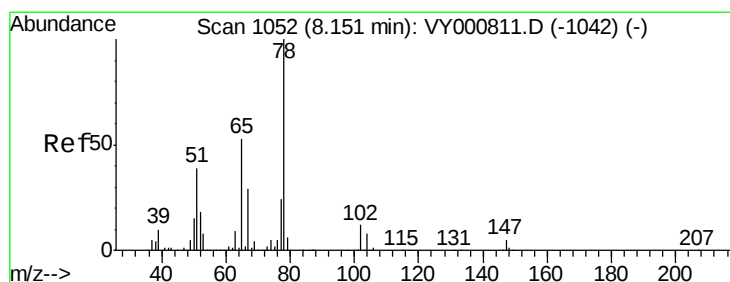
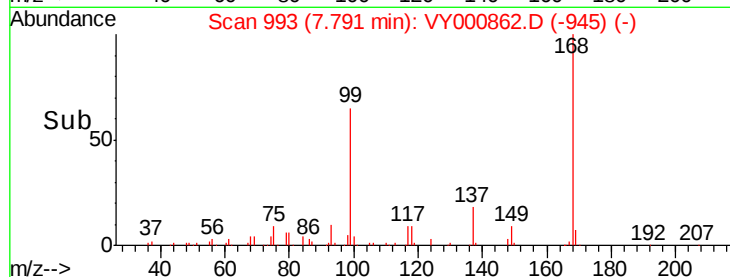
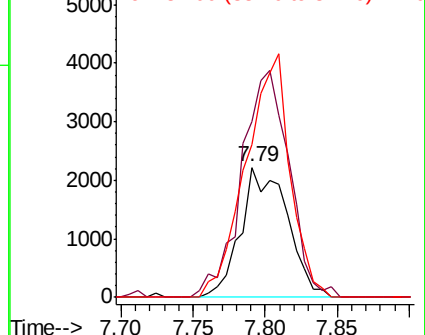
84 117.2 68.6 102.8#



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: 61.665 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000862.D

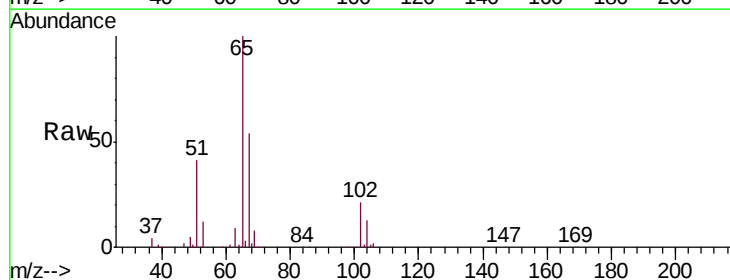
Acq: 04 Dec 2019 14:40

Tgt Ion: 65 Resp: 144419

Ion Ratio Lower Upper

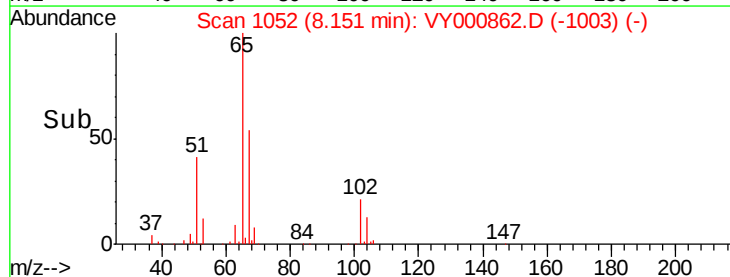
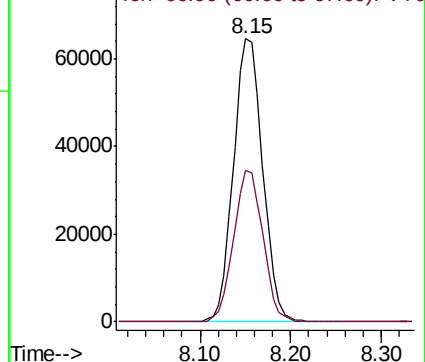
65 100

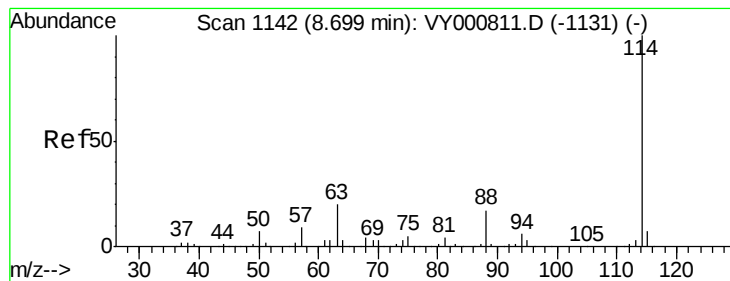
67 53.6 0.0 112.0



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. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(8-10)

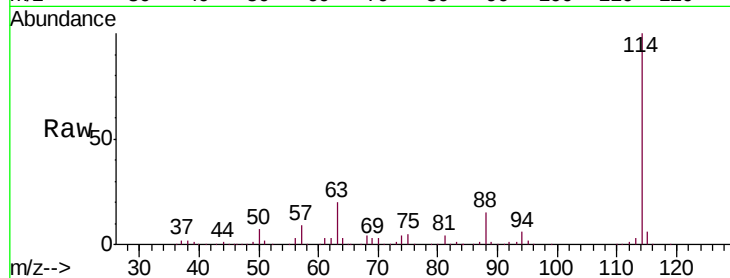
Tgt Ion:114 Resp: 419594

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

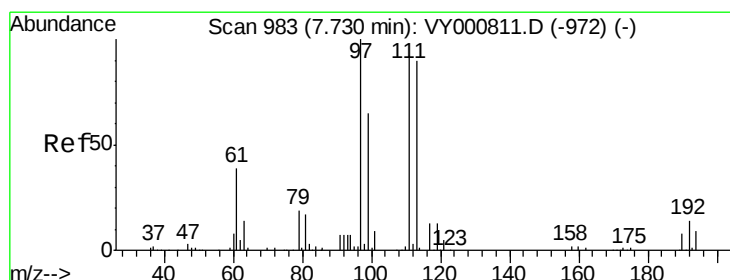
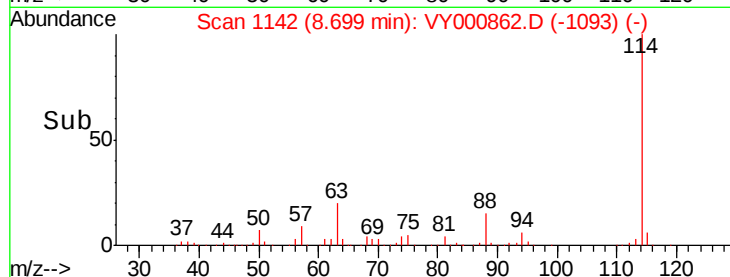
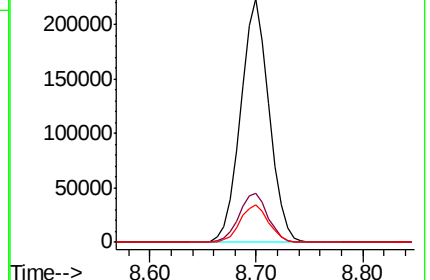
88 15.3 0.0 33.2



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: 51.106 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

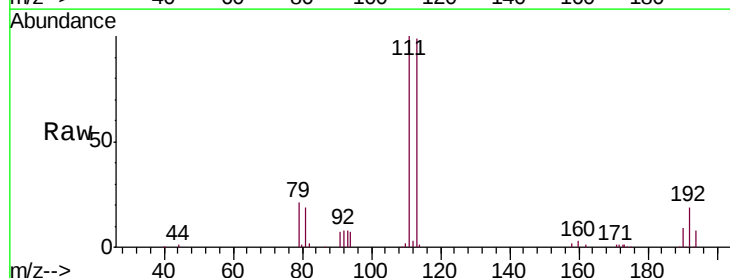
Tgt Ion:113 Resp: 124974

Ion Ratio Lower Upper

113 100

111 100.3 82.4 123.6

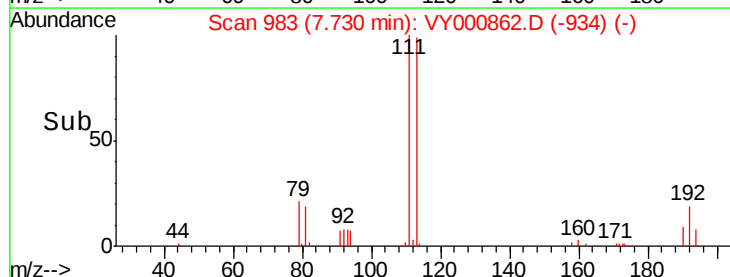
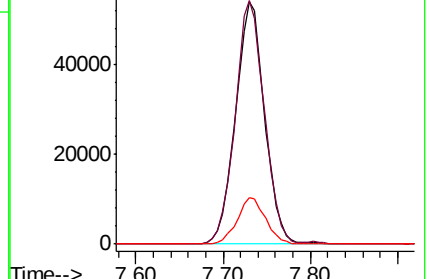
192 18.8 14.2 21.2

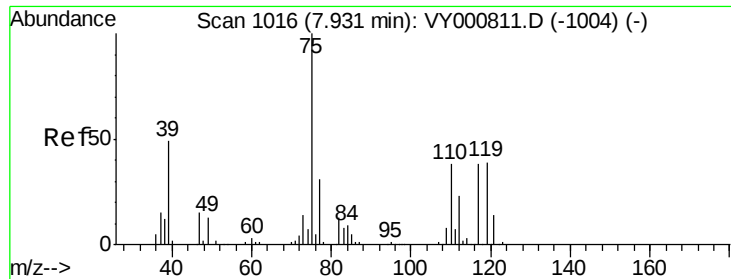


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

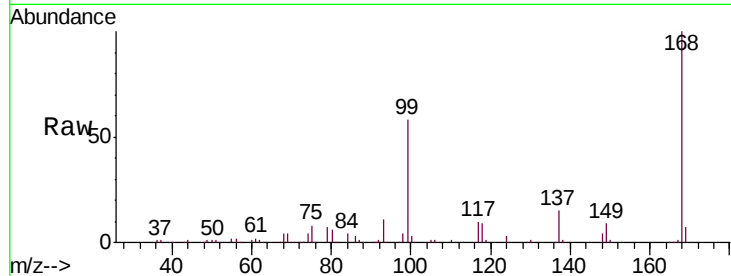




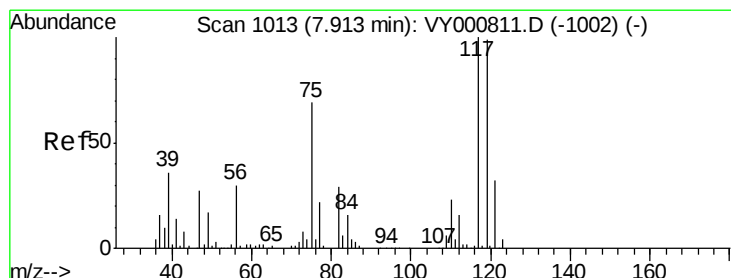
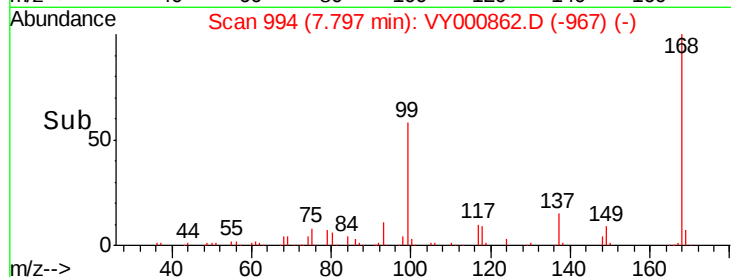
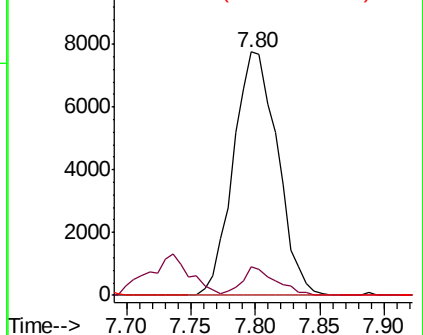
#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000862.D
 Acq: 04 Dec 2019 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(8-10)

Tgt Ion: 75 Resp: 18462
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.9 53.7#
 77 0.0 24.7 37.1#

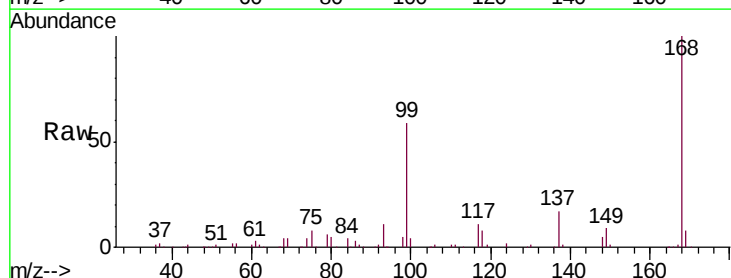


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

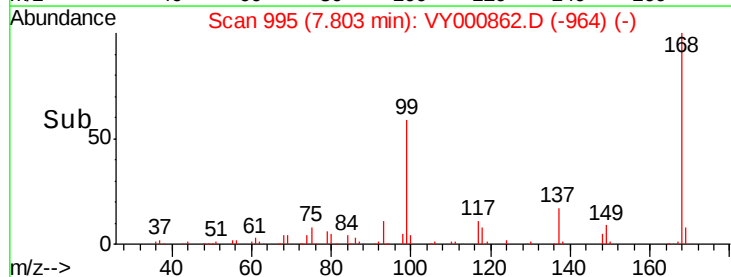
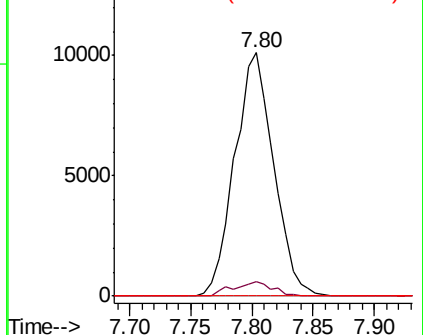


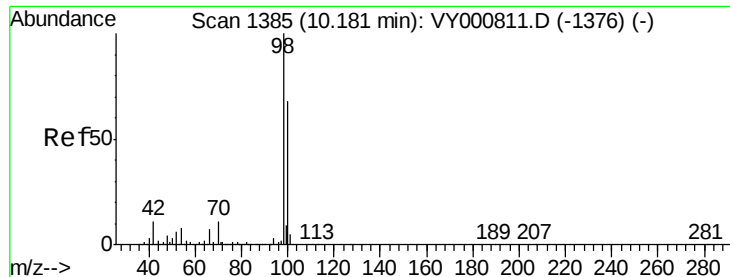
#38
 Carbon Tetrachloride
 Concen: 6.001 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000862.D
 Acq: 04 Dec 2019 14:40

Tgt Ion: 117 Resp: 22298
 Ion Ratio Lower Upper
 117 100
 119 6.2 79.3 118.9#
 121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 50.903 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

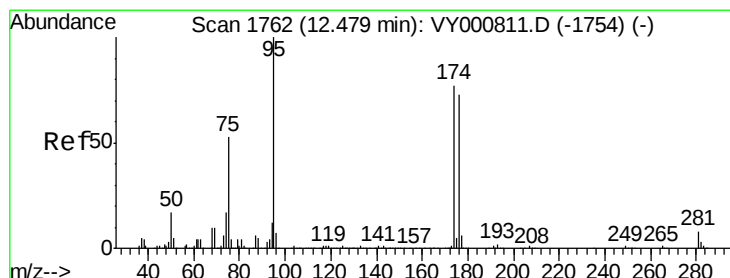
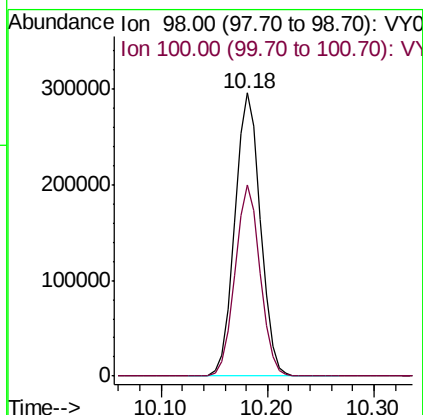
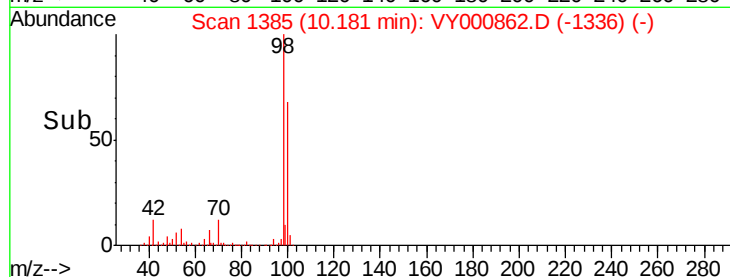
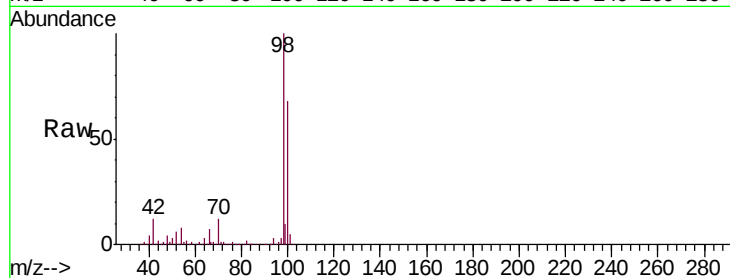
SB-1-(8-10)

Tgt Ion: 98 Resp: 497651

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.678 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

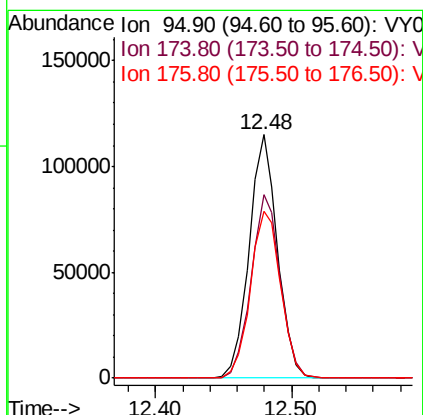
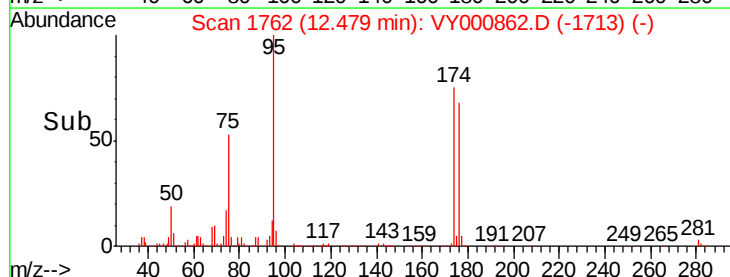
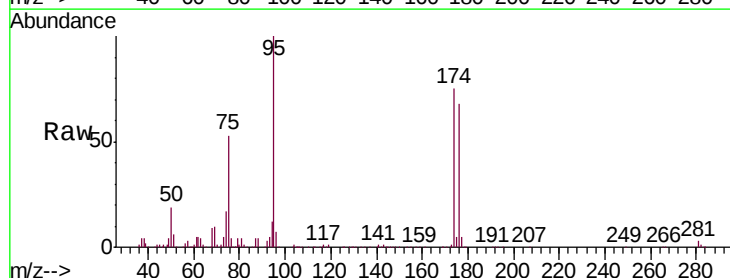
Tgt Ion: 95 Resp: 167710

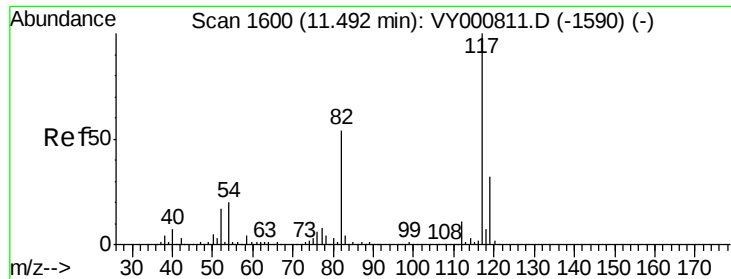
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 73.3 0.0 145.2

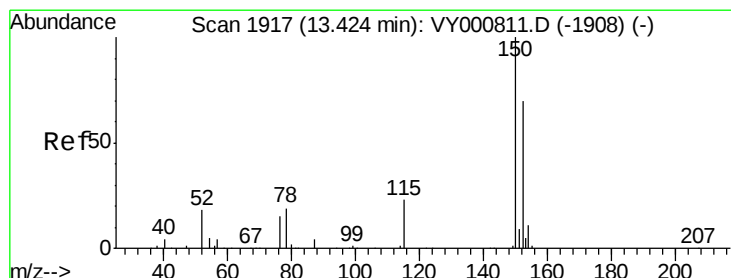
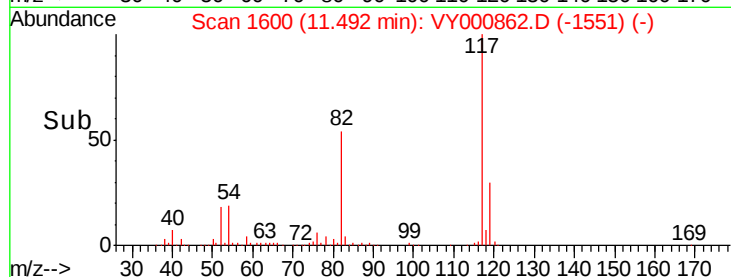
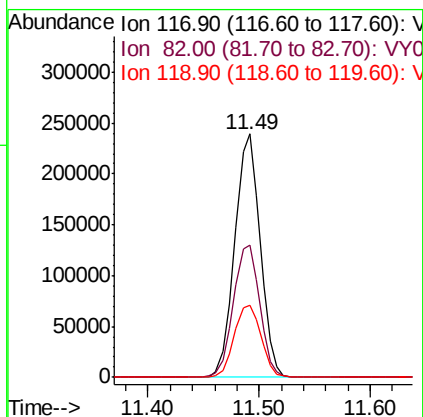
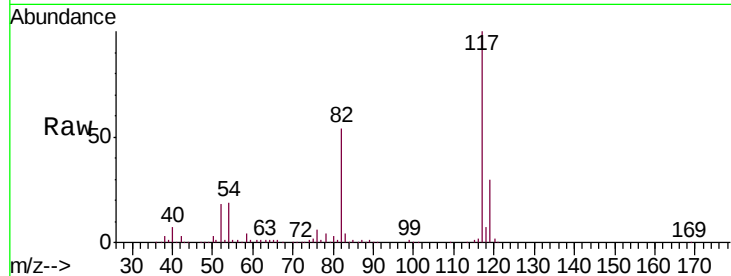




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

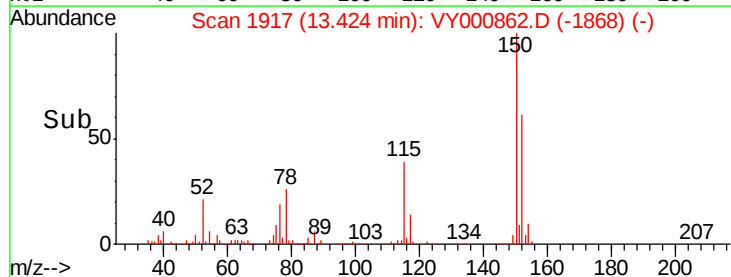
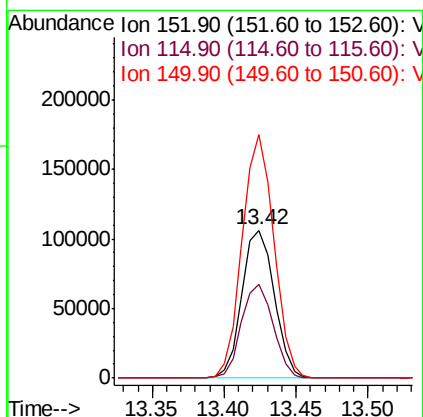
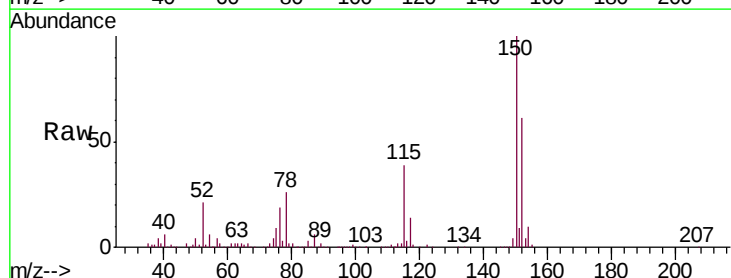
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

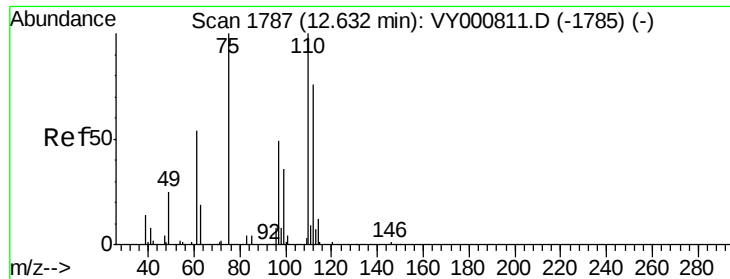
Tgt Ion:117 Resp: 377555
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 29.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

Tgt Ion:152 Resp: 166284
Ion Ratio Lower Upper
152 100
115 61.7 29.3 87.8
150 160.5 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 46.571 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

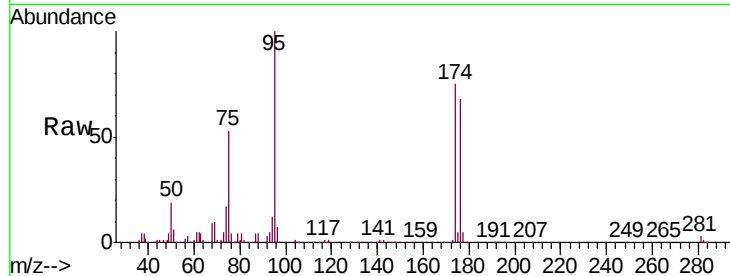
SB-1-(8-10)

Tgt Ion: 75 Resp: 87738

Ion Ratio Lower Upper

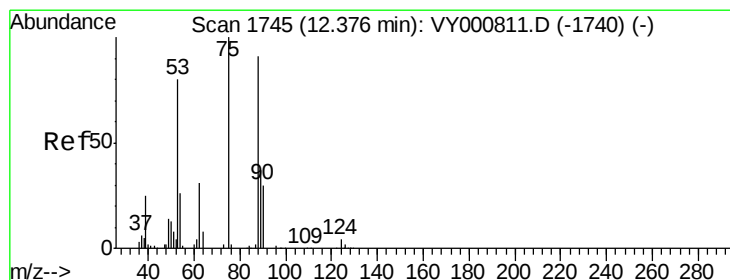
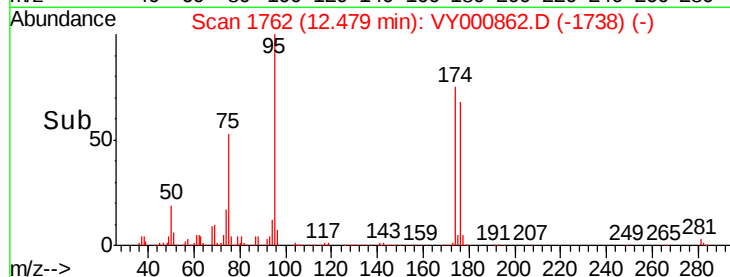
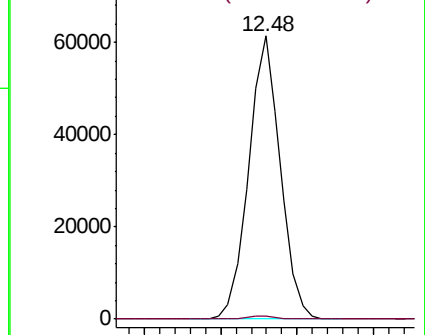
75 100

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: 91.478 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

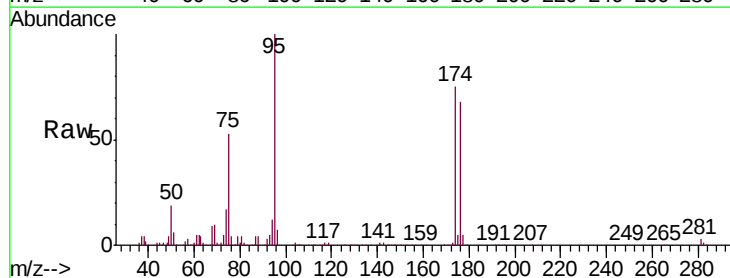
Tgt Ion: 75 Resp: 87738

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#



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

