

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001195.D
 Acq On : 14 Jan 2020 11:51
 Operator : SY/MD
 Sample : L1098-07
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7_13.5-14.0

Quant Time: Jan 15 01:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	173508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	325816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137191	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	100382	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
35) Dibromofluoromethane	7.73	113	95309	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	10.18	98	381490	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.48	95	142222	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

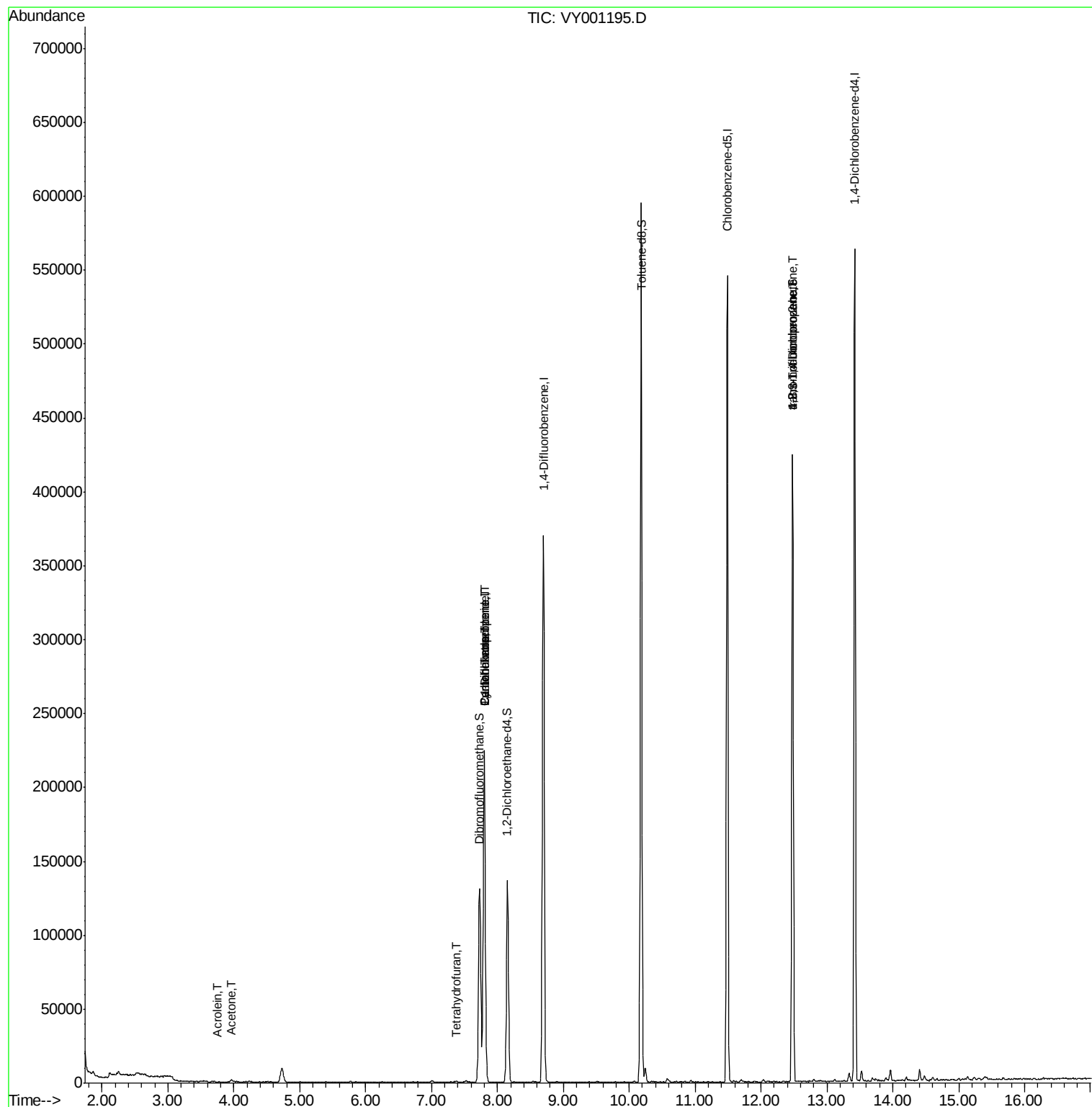
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.75	56	232	1.398	ug/l #	72
16) Acetone	3.96	43	2584	6.072	ug/l	98
20) Methylene Chloride	4.72	84	7314	Below Cal		91
29) Tetrahydrofuran	7.38	42	550	1.212	ug/l #	48
31) Cyclohexane	7.80	56	3782	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12724	4.285	ug/l #	49
38) Carbon Tetrachloride	7.80	117	16932	6.222	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	67712	46.105	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67712	78.184	ug/l #	6

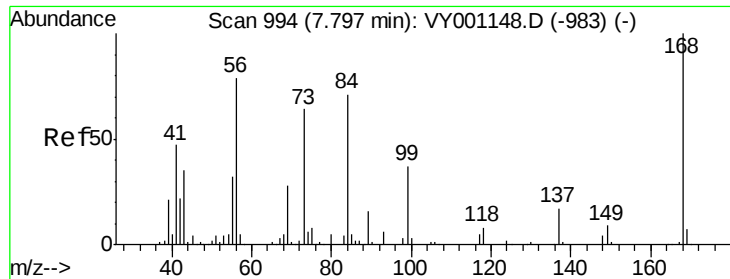
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

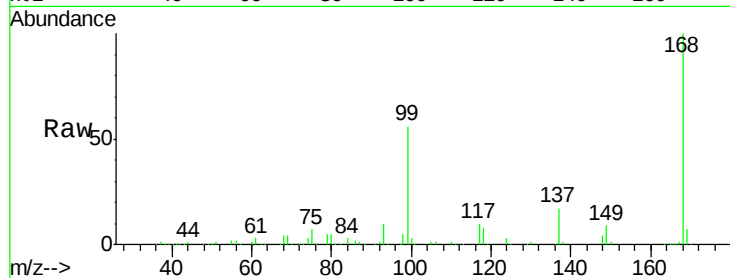
SB-7_13.5-14.0

Tgt Ion:168 Resp: 173508

Ion Ratio Lower Upper

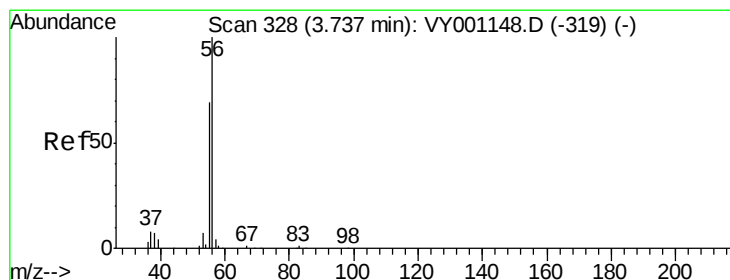
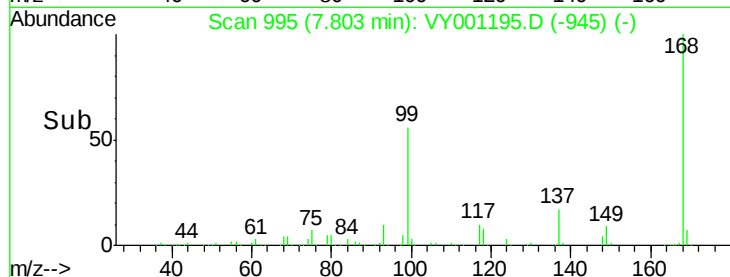
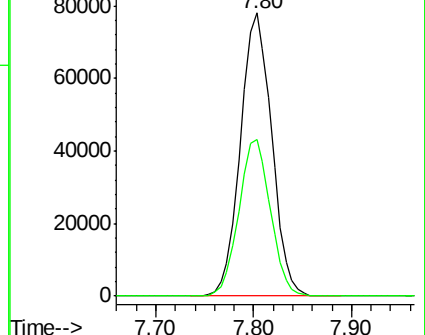
168 100

99 55.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#13

Acrolein

Concen: 1.398 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.02 min

Lab File: VY001195.D

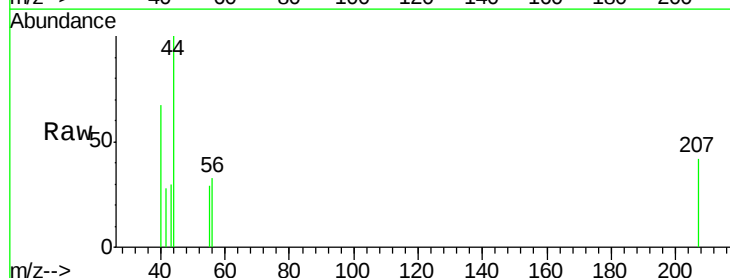
Acq: 14 Jan 2020 11:51

Tgt Ion: 56 Resp: 232

Ion Ratio Lower Upper

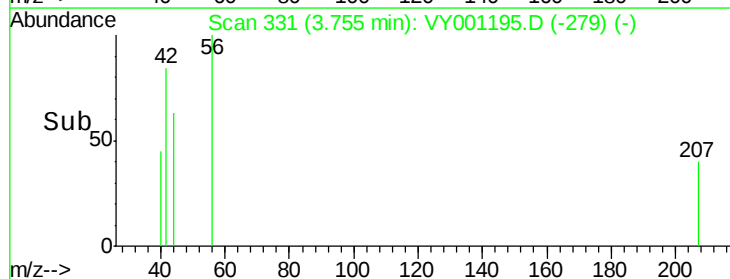
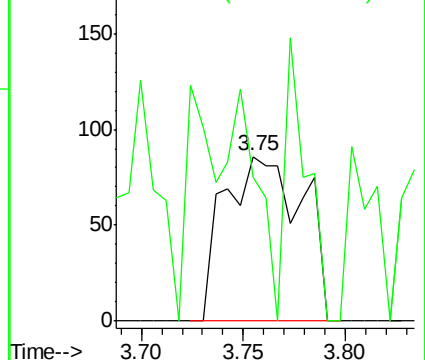
56 100

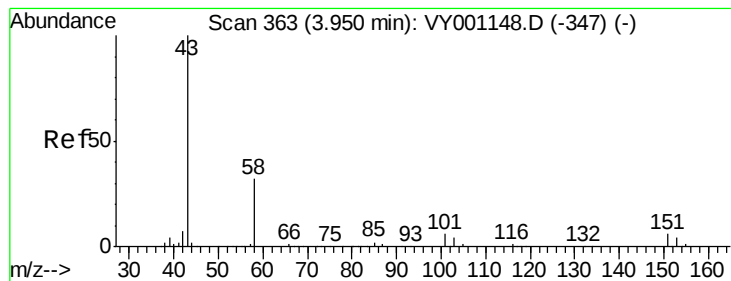
55 47.4 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VY001148.D (-319) (-)

Ion 55.00 (54.70 to 55.70): VY001148.D (-319) (-)





#16

Acetone

Concen: 6.072 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

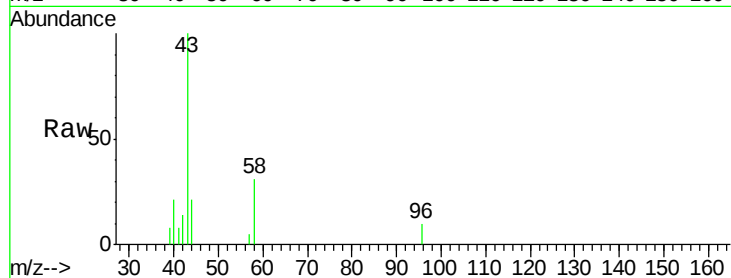
SB-7_13.5-14.0

Tgt Ion: 43 Resp: 2584

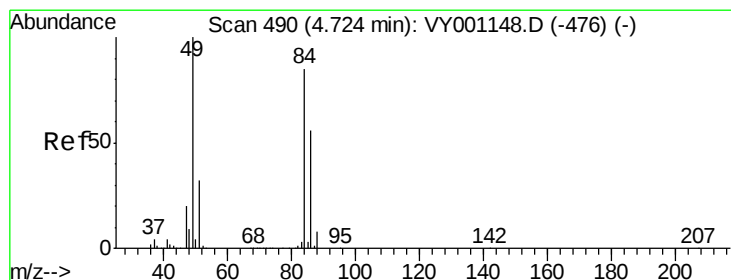
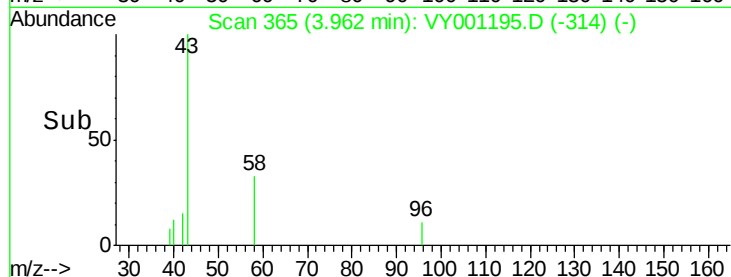
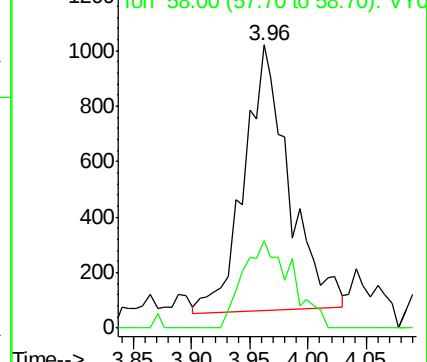
Ion Ratio Lower Upper

43 100

58 33.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Tgt Ion: 84 Resp: 7314

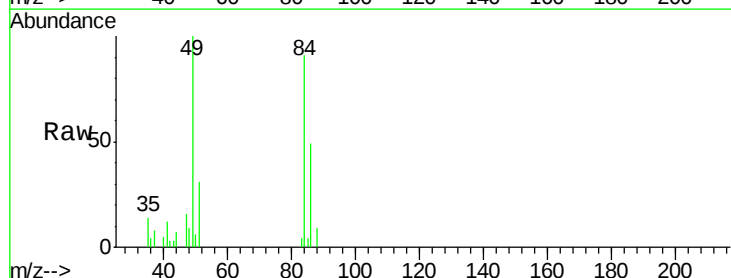
Ion Ratio Lower Upper

84 100

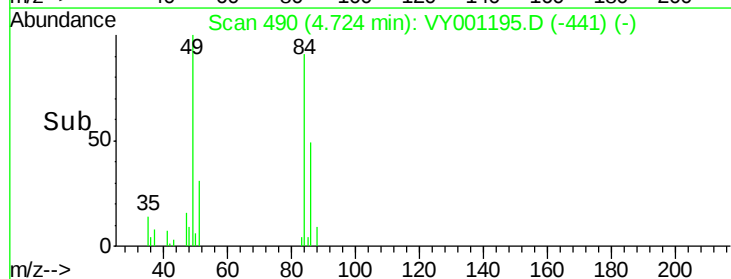
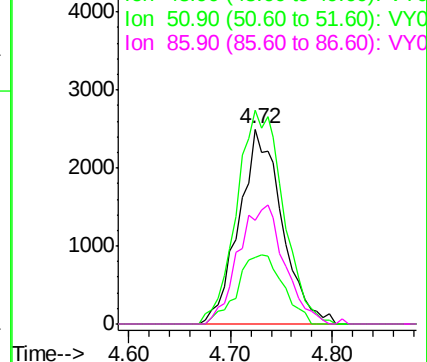
49 109.7 93.8 140.6

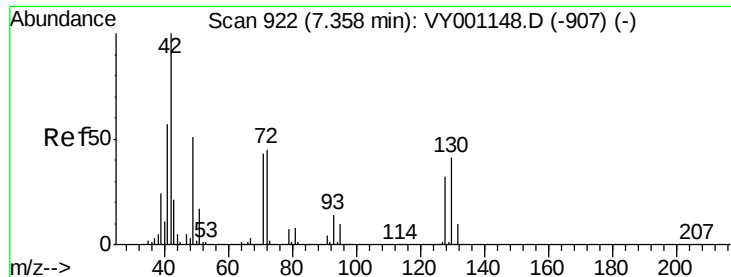
51 34.4 29.9 44.9

86 53.4 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VY001148.D (-476) (-)





#29

Tetrahydrofuran

Concen: 1.212 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.02 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-7_13.5-14.0

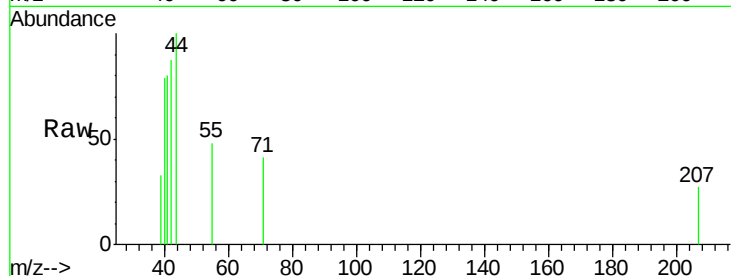
Tgt Ion: 42 Resp: 550

Ion Ratio Lower Upper

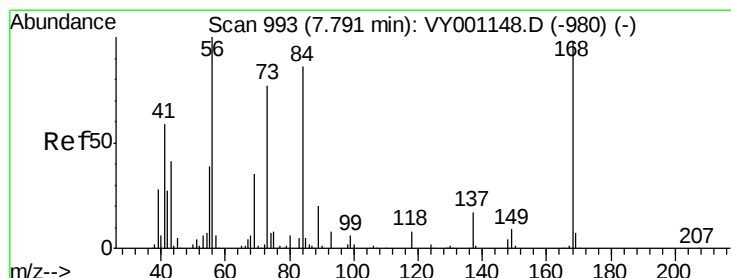
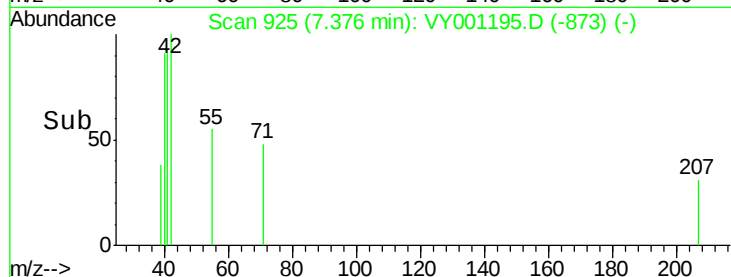
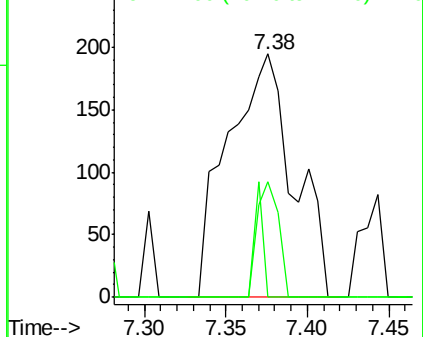
42 100

72 6.2 36.9 55.3#

71 15.6 34.0 51.0#



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



#31

Cyclohexane

Concen: 1.067 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

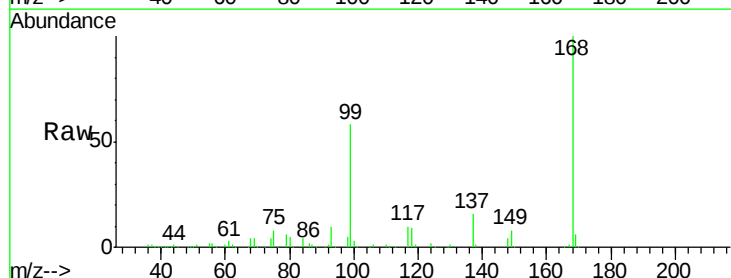
Tgt Ion: 56 Resp: 3782

Ion Ratio Lower Upper

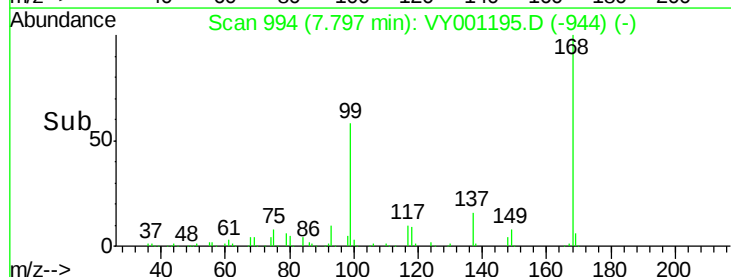
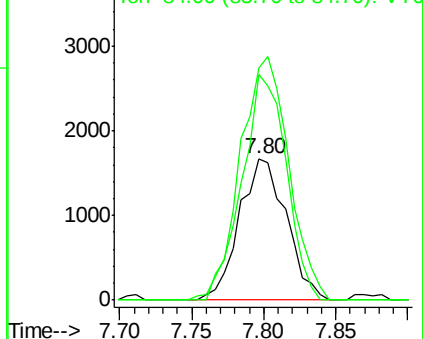
56 100

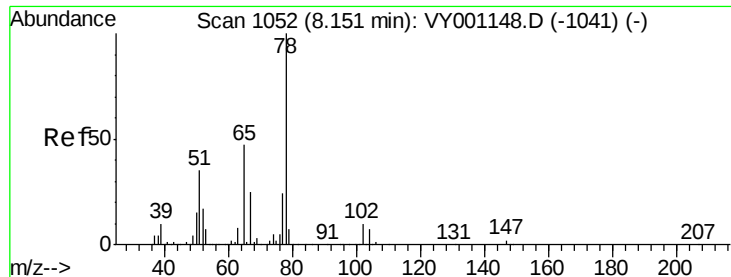
69 164.5 27.8 41.8#

84 160.0 68.9 103.3#



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

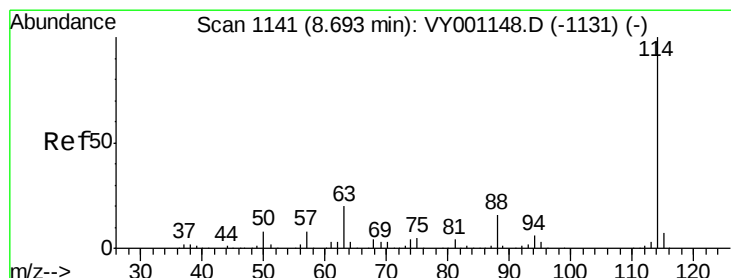
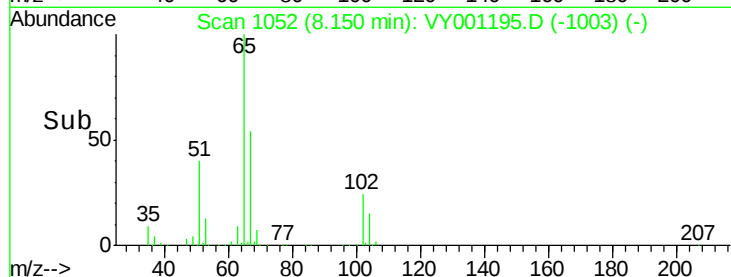
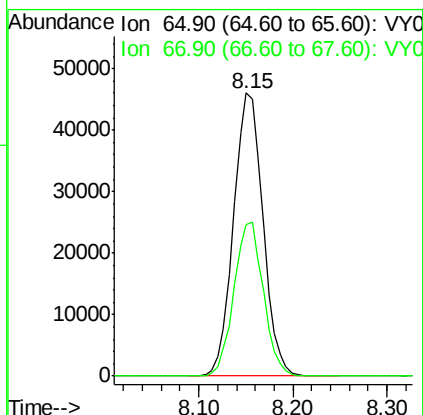
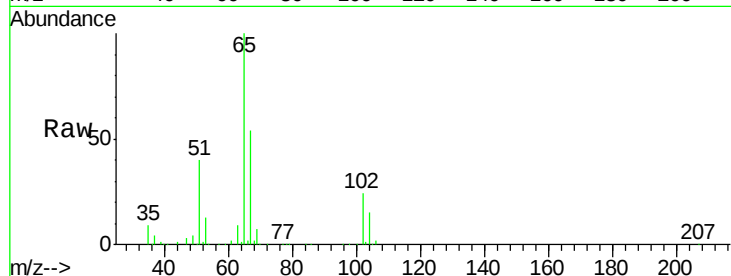




#33
 1,2-Dichloroethane-d4
 Concen: 54.777 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001195.D
 Acq: 14 Jan 2020 11:51

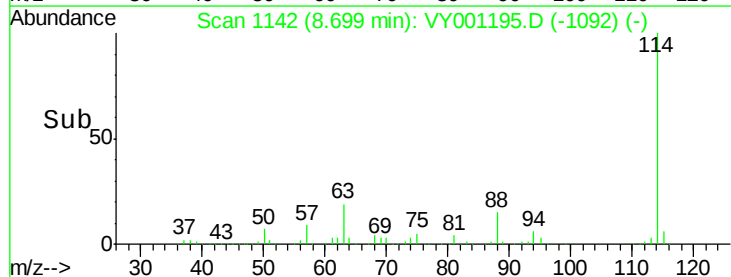
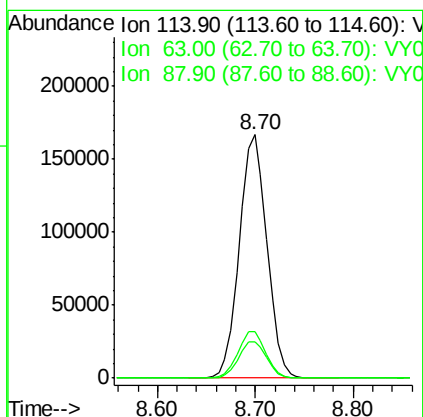
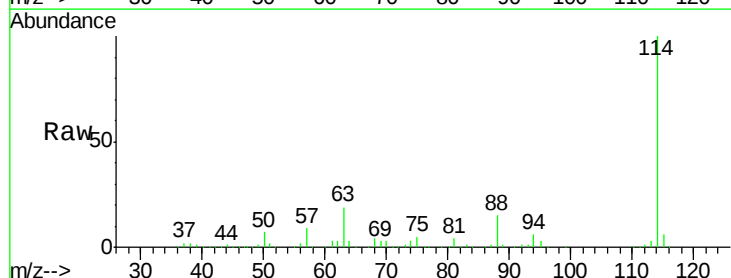
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7_13.5-14.0

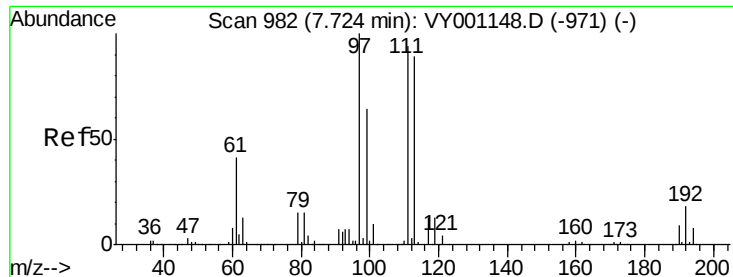
Tgt Ion: 65 Resp: 100382
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001195.D
 Acq: 14 Jan 2020 11:51

Tgt Ion: 114 Resp: 325816
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.8
 88 15.2 0.0 32.4

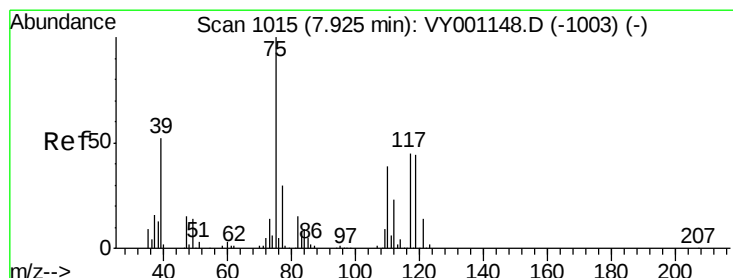
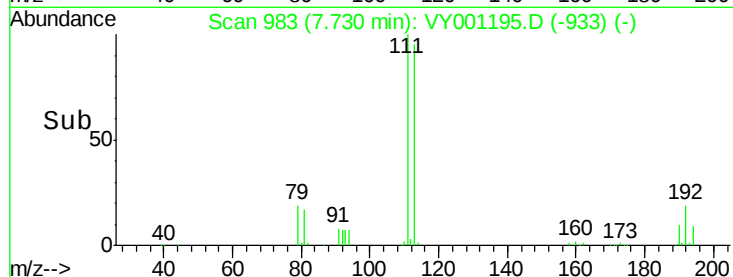
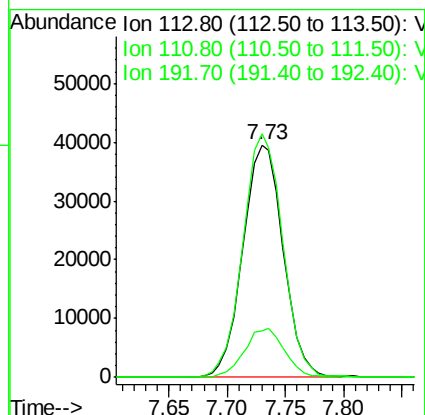
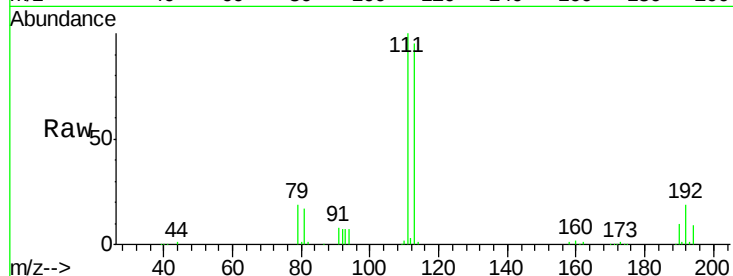




#35
 Dibromofluoromethane
 Concen: 49.962 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001195.D
 Acq: 14 Jan 2020 11:51

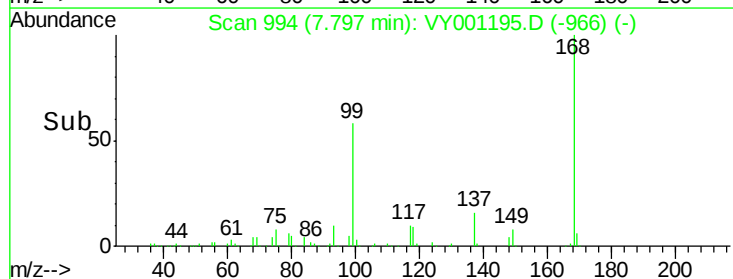
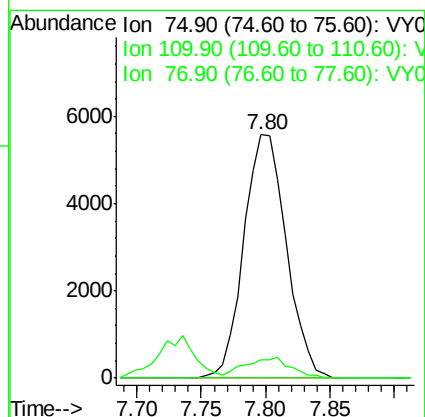
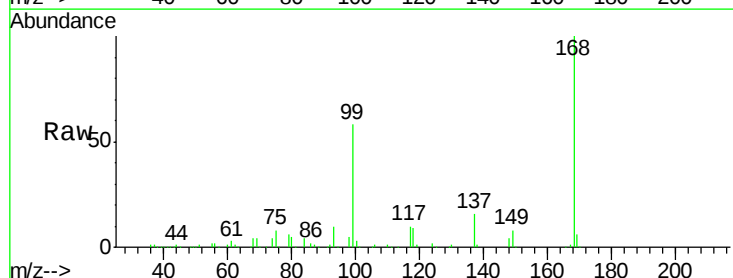
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-7_13.5-14.0

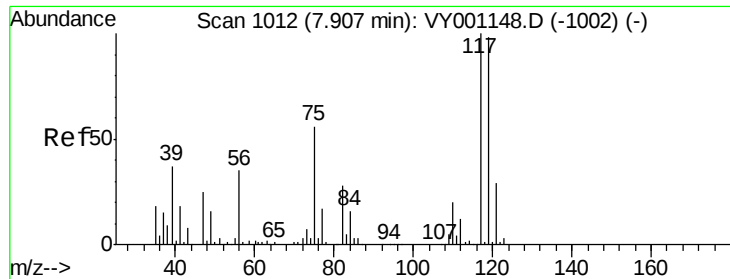
Tgt Ion:113 Resp: 95309
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 20.8 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.285 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001195.D
 Acq: 14 Jan 2020 11:51

Tgt Ion: 75 Resp: 12724
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.3 54.8#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.222 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001195.D

Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-7_13.5-14.0

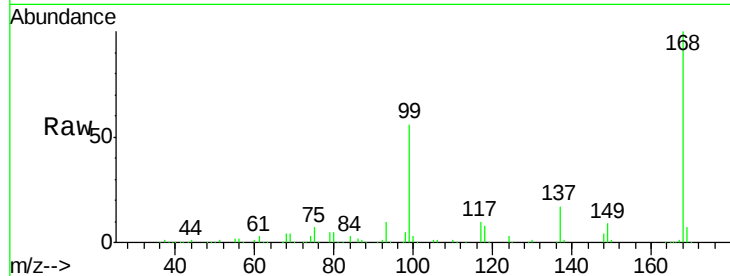
Tgt Ion:117 Resp: 16932

Ion Ratio Lower Upper

117 100

119 4.5 78.3 117.5#

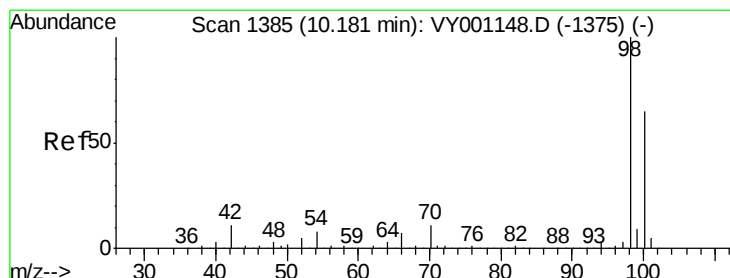
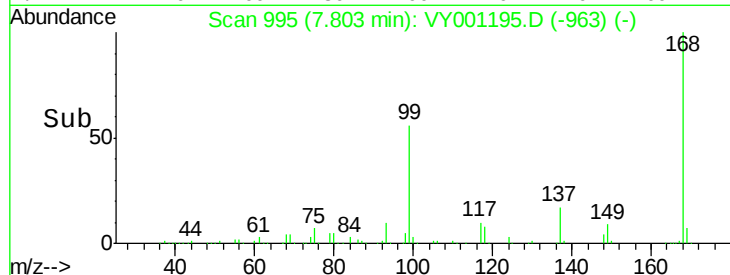
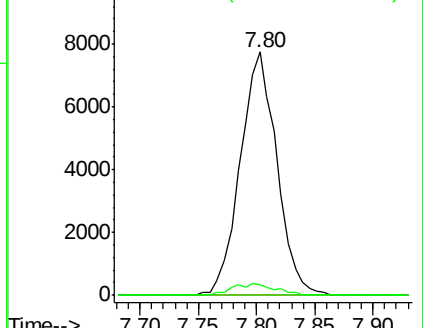
121 0.0 23.5 35.3#



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: 51.900 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001195.D

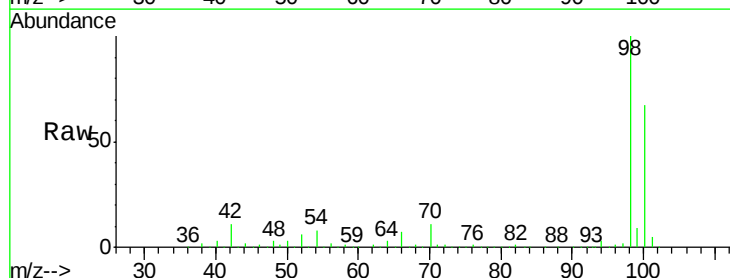
Acq: 14 Jan 2020 11:51

Tgt Ion: 98 Resp: 381490

Ion Ratio Lower Upper

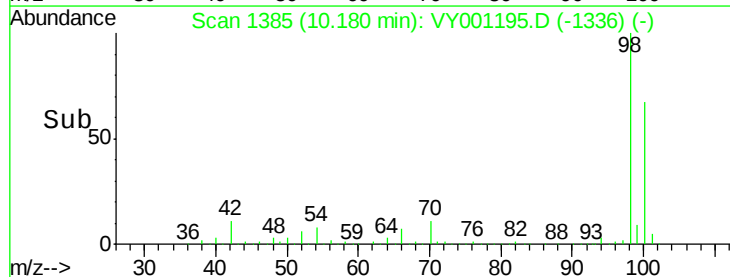
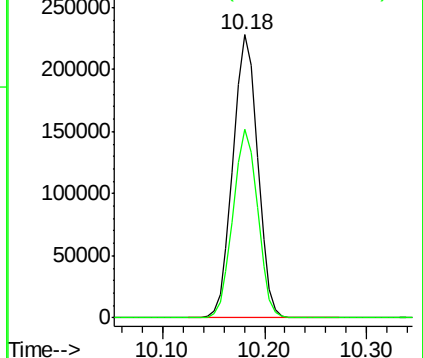
98 100

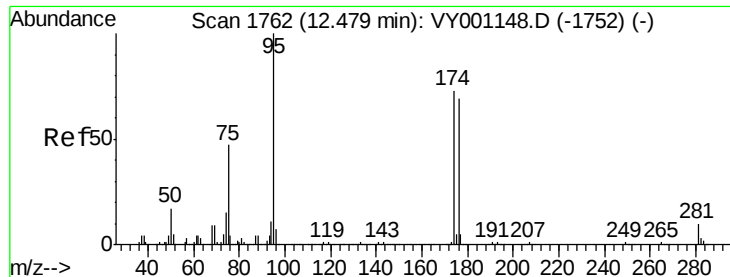
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

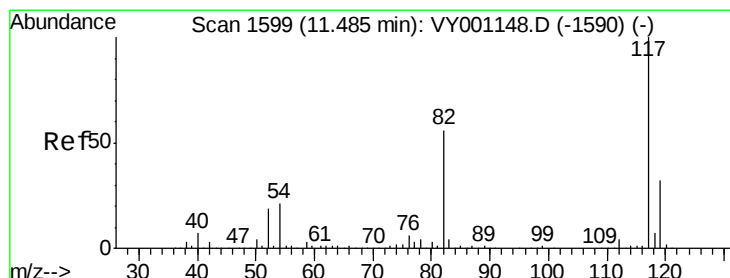
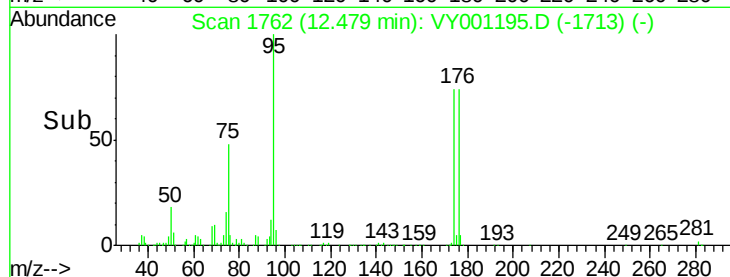
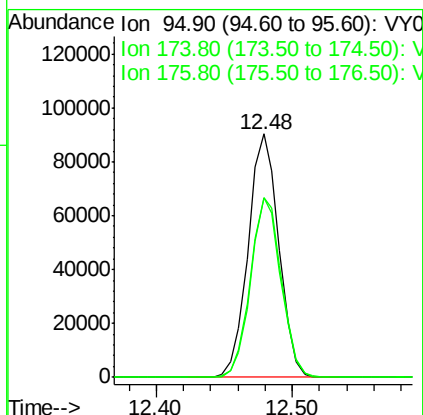
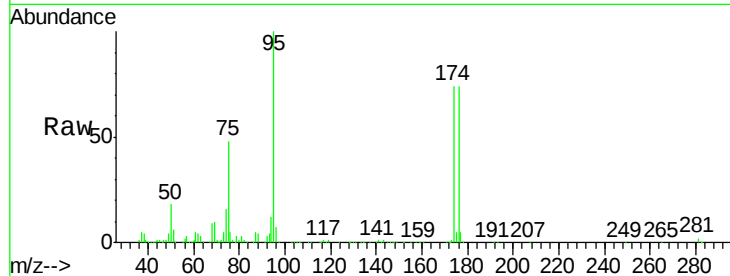




#62
4-Bromofluorobenzene
Concen: 47.327 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001195.D
Acq: 14 Jan 2020 11:51

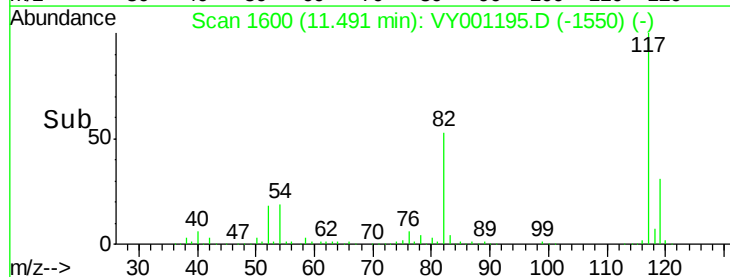
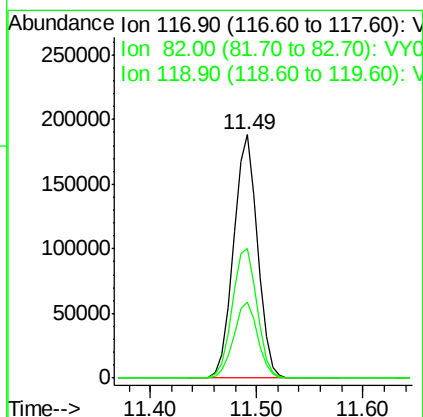
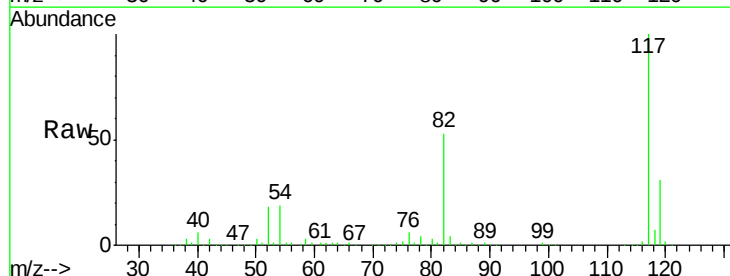
Instrument :
MSVOA_Y
ClientSampleId :
SB-7_13.5-14.0

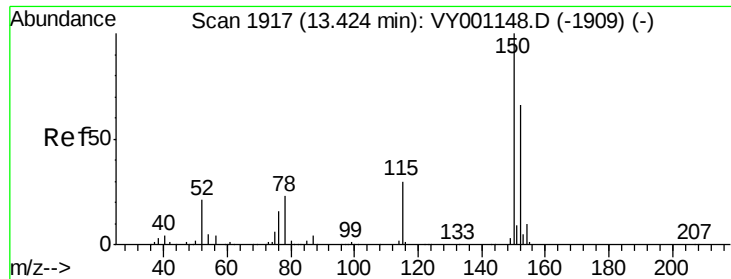
Tgt Ion: 95 Resp: 142222
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.2
176 72.6 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001195.D
Acq: 14 Jan 2020 11:51

Tgt Ion: 117 Resp: 296549
Ion Ratio Lower Upper
117 100
82 53.3 44.9 67.3
119 31.1 25.7 38.5



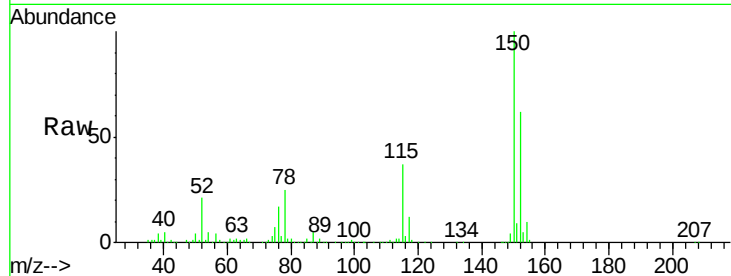


#72

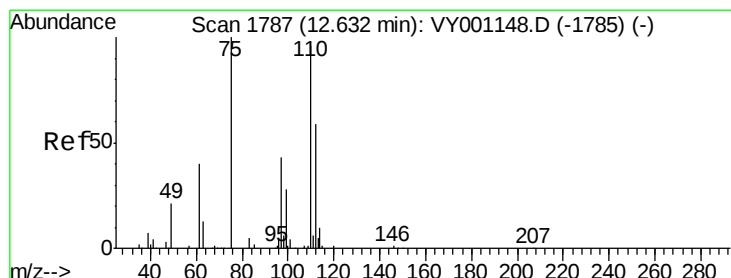
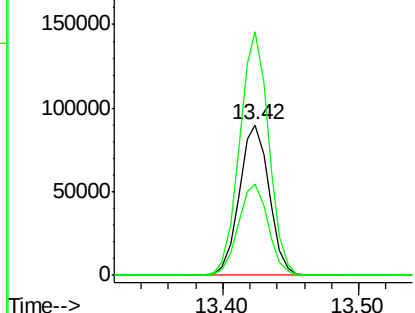
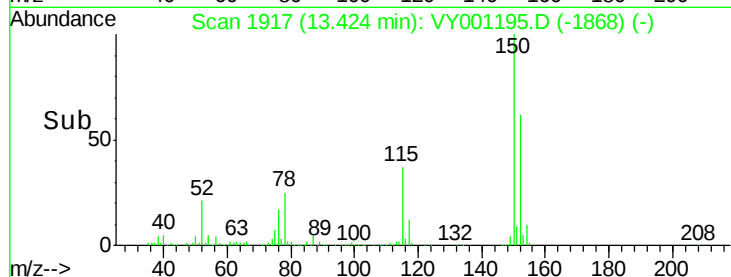
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001195.D
Acq: 14 Jan 2020 11:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-7_13.5-14.0

Tgt Ion: 152 Resp: 137191
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 158.1 0.0 346.8



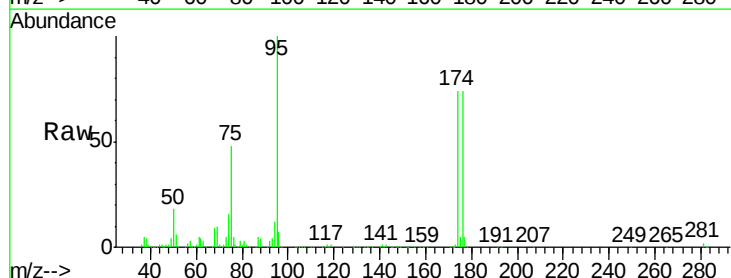
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



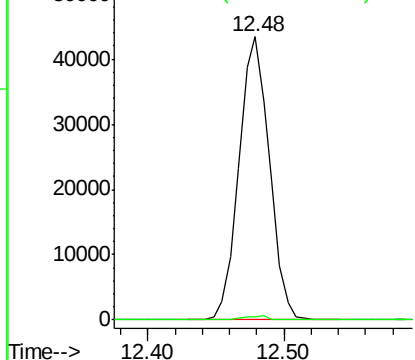
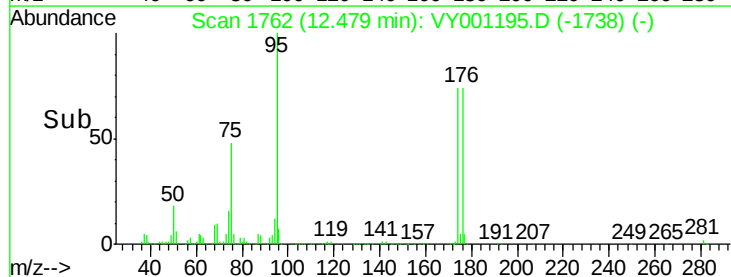
#76

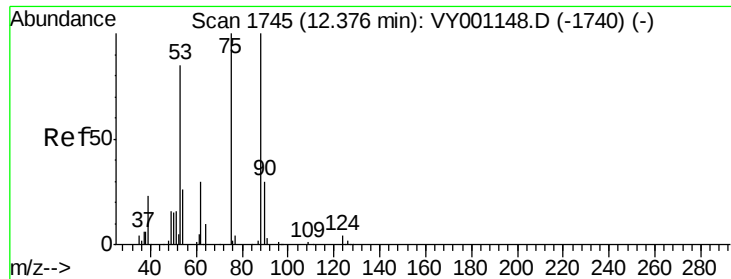
1,2,3-Trichloropropane
Concen: 46.105 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001195.D
Acq: 14 Jan 2020 11:51

Tgt Ion: 75 Resp: 67712
Ion Ratio Lower Upper
75 100
77 1.2 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: 78.184 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001195.D

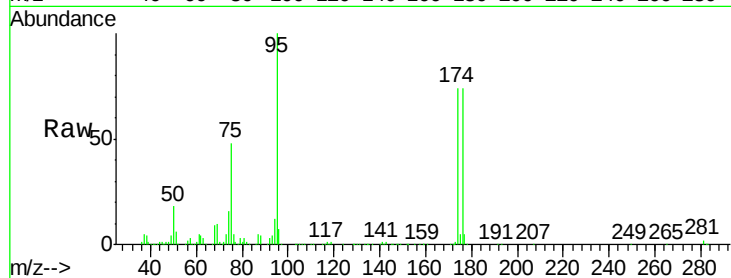
Acq: 14 Jan 2020 11:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-7_13.5-14.0



Tgt Ion:	75	Resp:	67712
Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.2#
89	0.1	0.0	0.0#

