

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
 Data File : VY001910.D
 Acq On : 09 Mar 2020 16:02
 Operator : SY/MD
 Sample : L1852-02
 Misc : 5.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-S2

Quant Time: Mar 10 11:54:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	152437	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	289263	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	262690	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	114355	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	90679	55.72	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.44%	
35) Dibromofluoromethane	7.72	113	83717	53.00	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	106.00%	
50) Toluene-d8	10.18	98	351697	52.80	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.48	95	118745	51.27	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.54%	

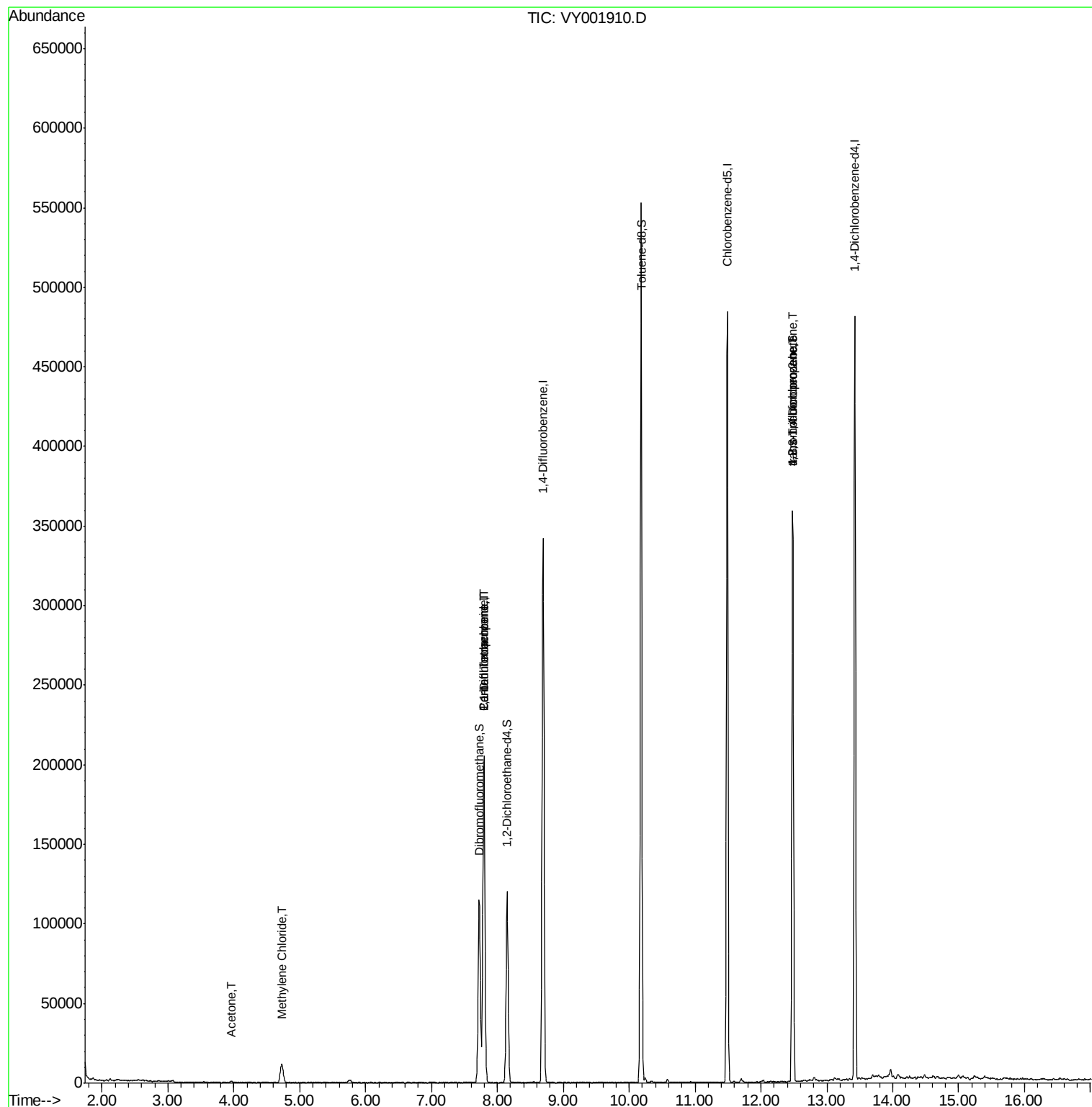
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	43	Below Cal	#	4
16) Acetone	3.96	43	1487	3.14	ug/l	91
20) Methylene Chloride	4.72	84	9050	4.46	ug/l	87
36) 1,1-Dichloropropene	7.80	75	12757	4.58	ug/l	# 50
38) Carbon Tetrachloride	7.80	117	15463	6.50	ug/l	# 16
76) 1,2,3-Trichloropropane	12.48	75	60256	44.41	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	60256	89.70	ug/l	# 17

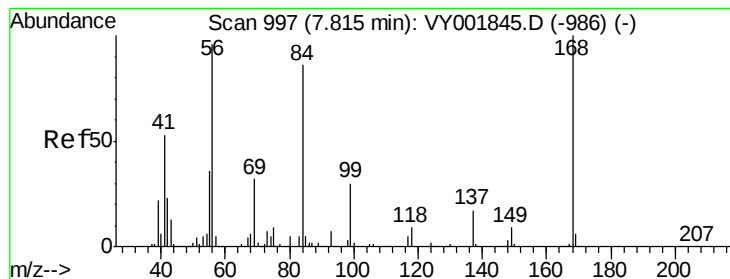
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY030920\
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Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S2

Quant Time: Mar 10 11:54:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

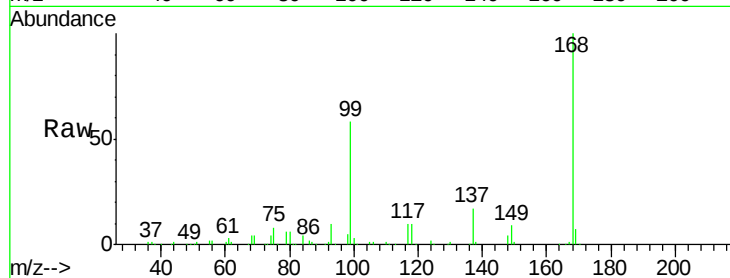
TP-1-S2

Tgt Ion: 168 Resp: 152437

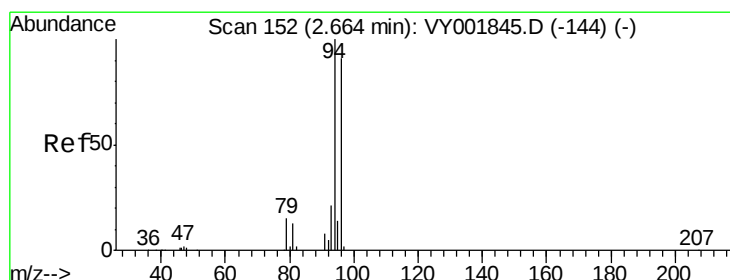
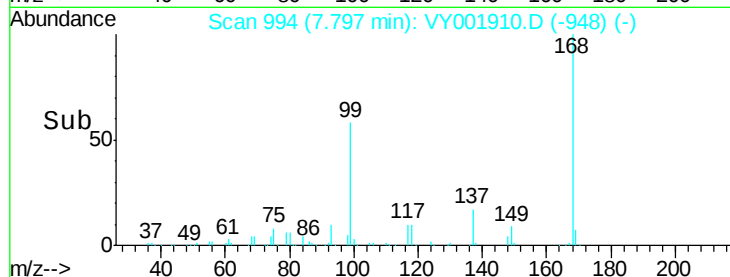
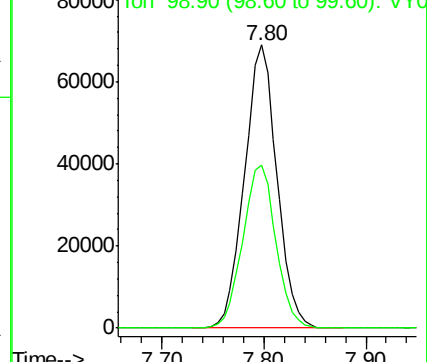
Ion Ratio Lower Upper

168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 139

Delta R.T. -0.08 min

Lab File: VY001910.D

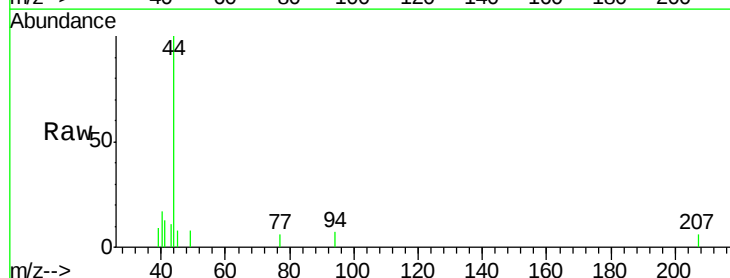
Acq: 09 Mar 2020 16:02

Tgt Ion: 94 Resp: 43

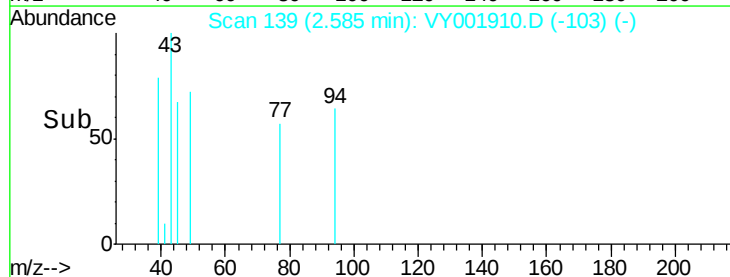
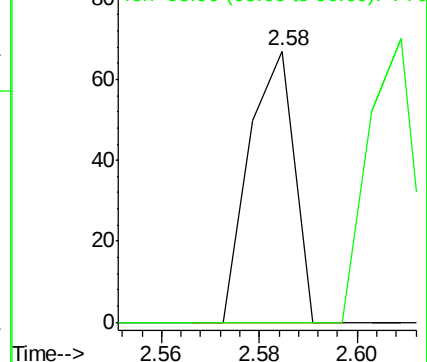
Ion Ratio Lower Upper

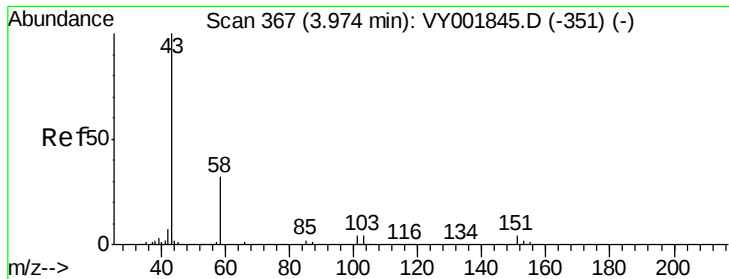
94 100

96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)





#16

Acetone

Concen: 3.14 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

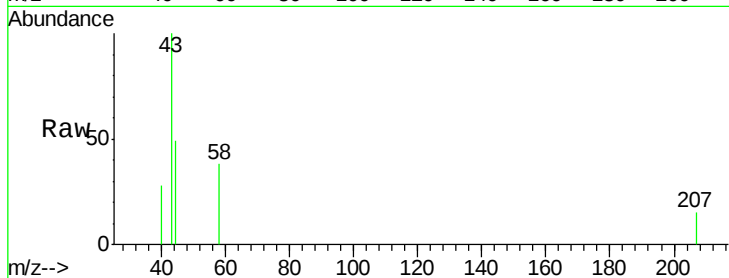
TP-1-S2

Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

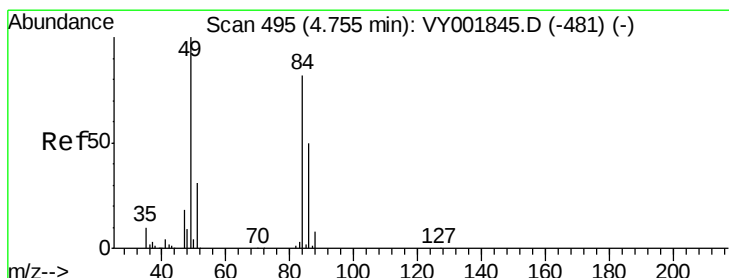
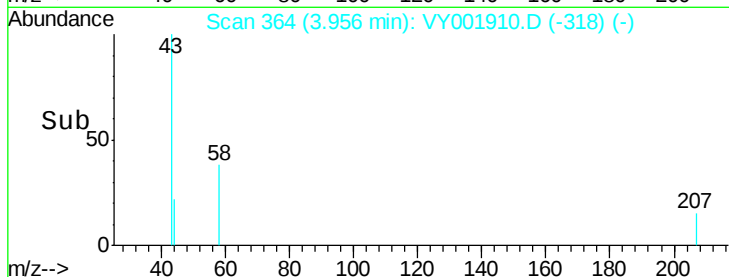
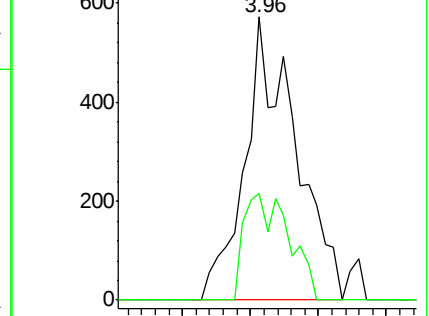
43 100

58 37.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001910.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VY001910.D (-364) (-)



#20

Methylene Chloride

Concen: 4.46 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.03 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Tgt Ion: 84 Resp: 9050

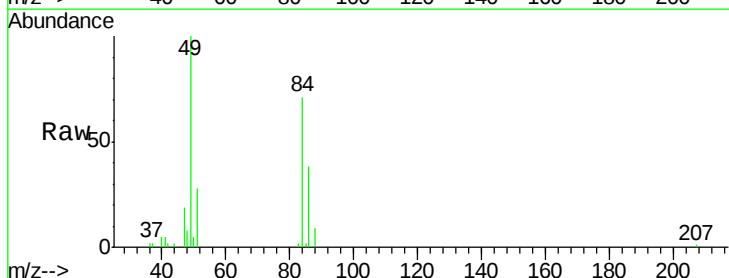
Ion Ratio Lower Upper

84 100

49 141.8 98.2 147.2

51 39.1 30.2 45.2

86 53.4 48.9 73.3

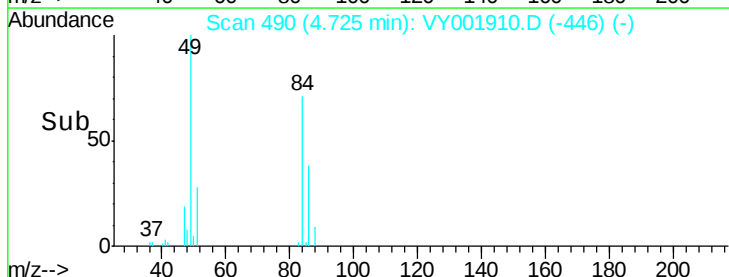
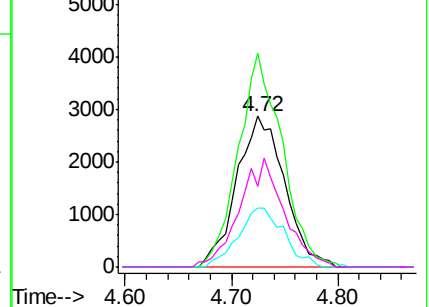


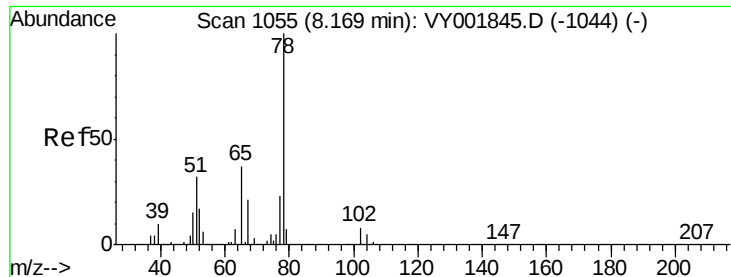
Abundance Ion 83.90 (83.60 to 84.60): VY001910.D (-490) (-)

Ion 48.90 (48.60 to 49.60): VY001910.D (-490) (-)

Ion 50.90 (50.60 to 51.60): VY001910.D (-490) (-)

Ion 85.90 (85.60 to 86.60): VY001910.D (-490) (-)

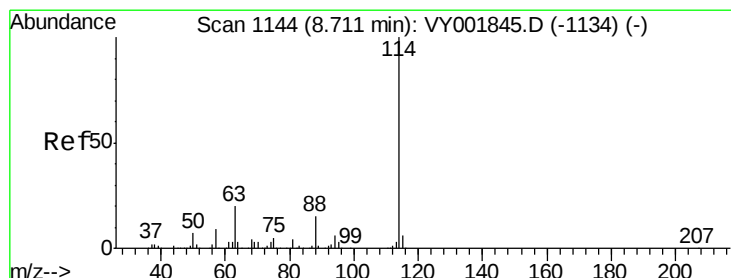
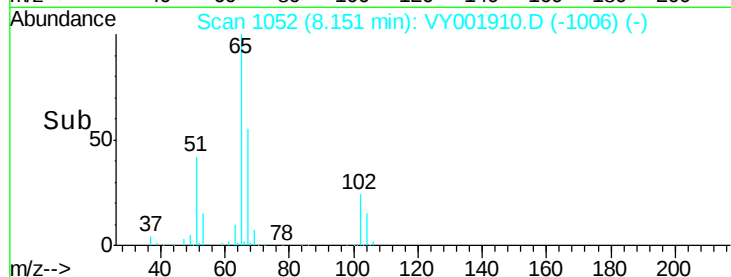
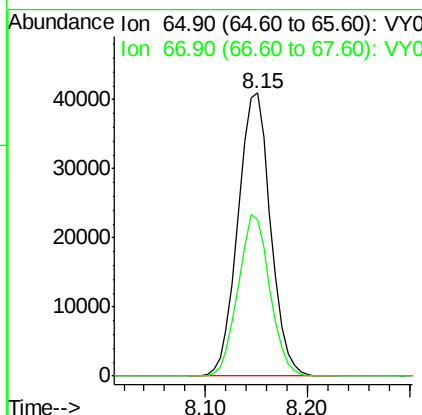
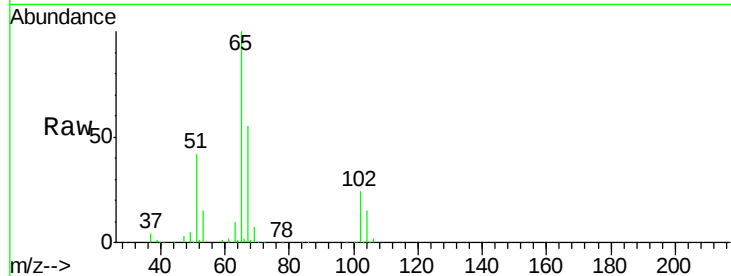




#33
 1,2-Dichloroethane-d4
 Concen: 55.72 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001910.D
 Acq: 09 Mar 2020 16:02

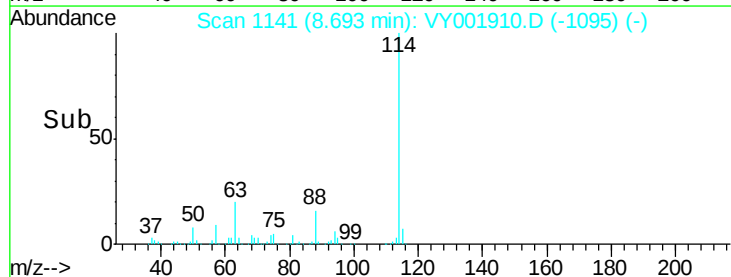
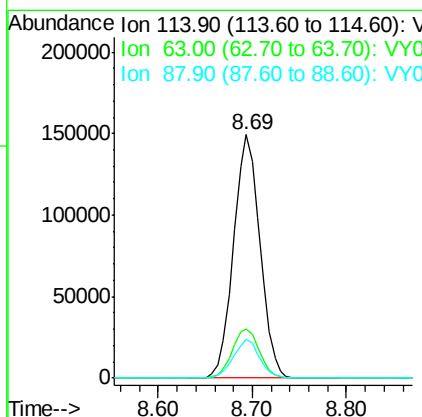
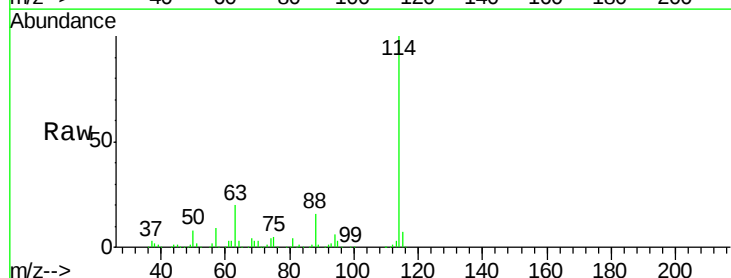
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-S2

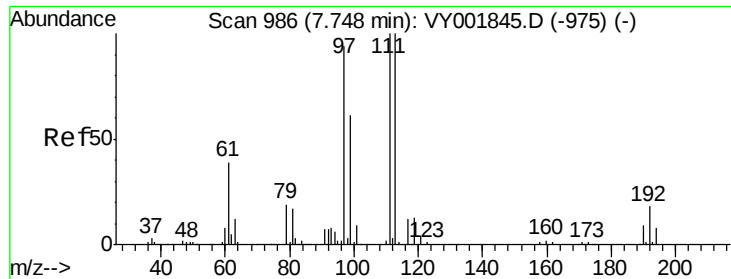
Tgt Ion: 65 Resp: 90679
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001910.D
 Acq: 09 Mar 2020 16:02

Tgt Ion: 114 Resp: 289263
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 15.9 0.0 30.4

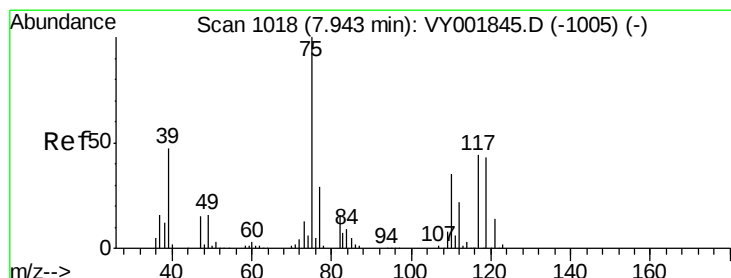
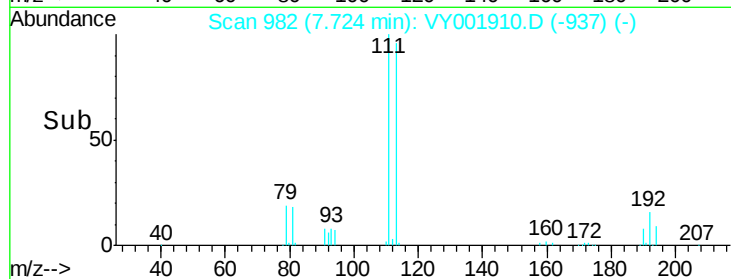
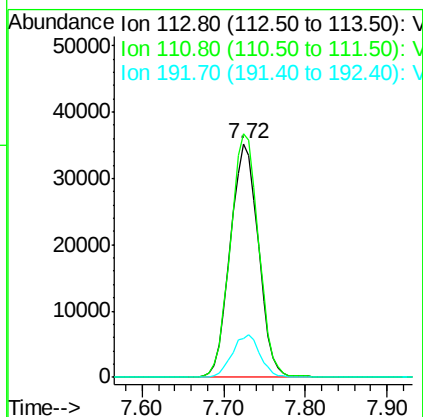
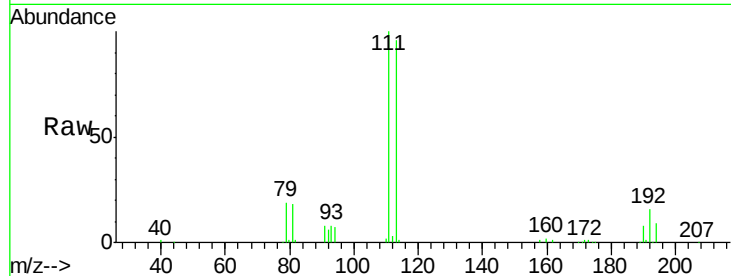




#35
 Dibromofluoromethane
 Concen: 53.00 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: VY001910.D
 Acq: 09 Mar 2020 16:02

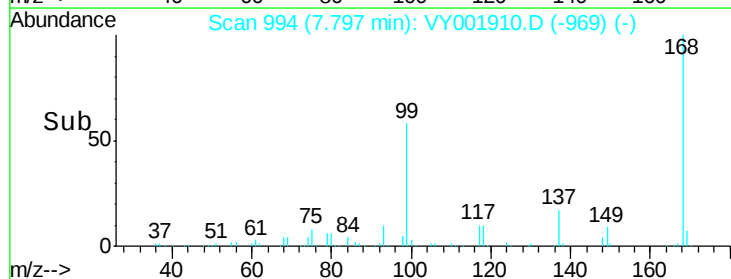
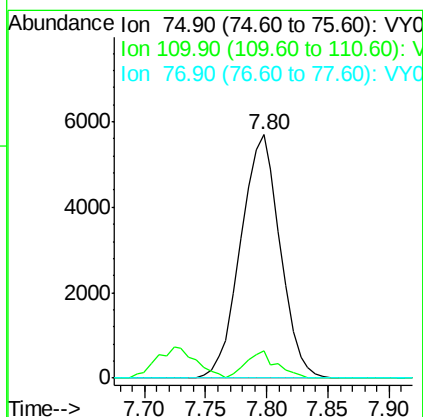
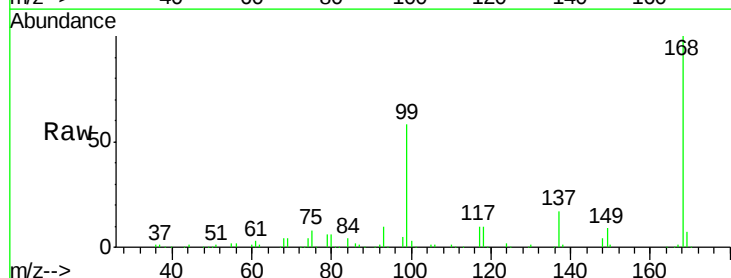
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-S2

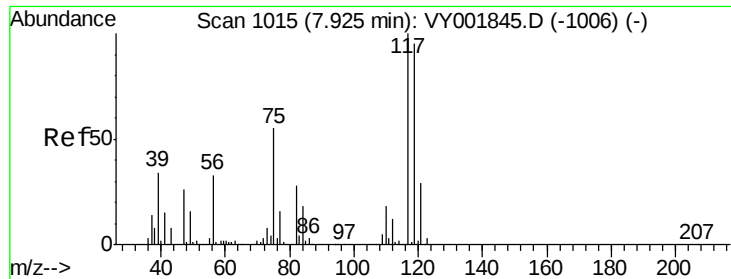
Tgt Ion:113 Resp: 83717
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.8 122.8
 192 17.9 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.15 min
 Lab File: VY001910.D
 Acq: 09 Mar 2020 16:02

Tgt Ion: 75 Resp: 12757
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.4 52.2#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 6.50 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-S2

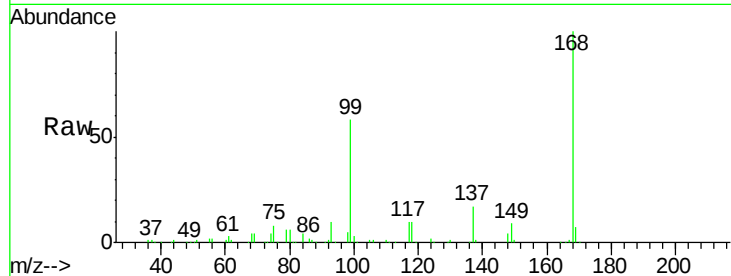
Tgt Ion:117 Resp: 15463

Ion Ratio Lower Upper

117 100

119 4.5 76.3 114.5#

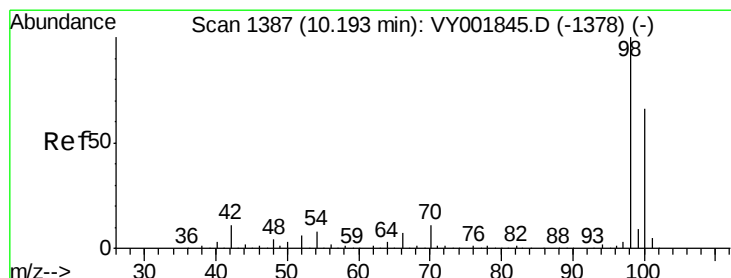
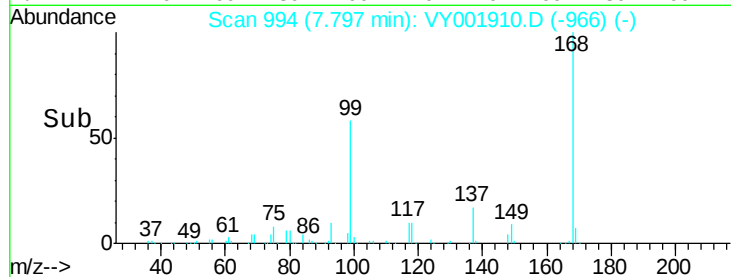
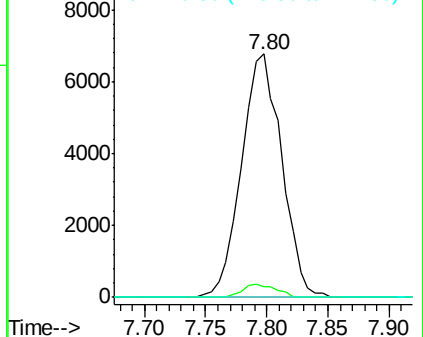
121 0.0 23.5 35.3#



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: 52.80 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001910.D

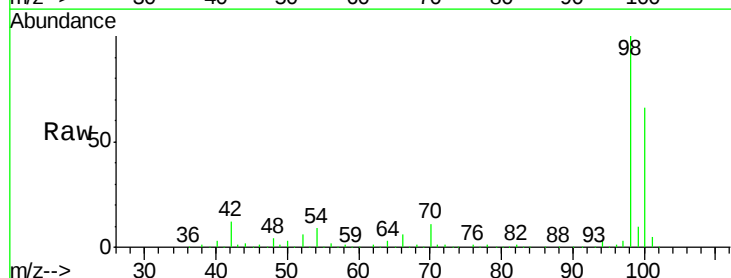
Acq: 09 Mar 2020 16:02

Tgt Ion: 98 Resp: 351697

Ion Ratio Lower Upper

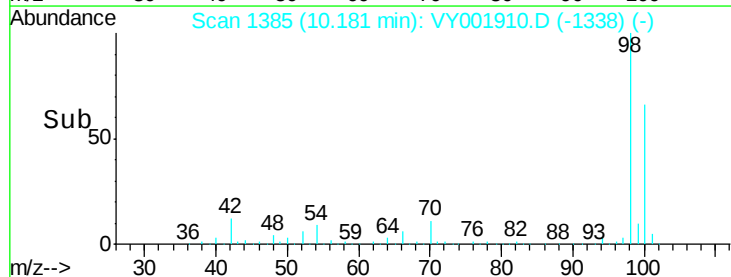
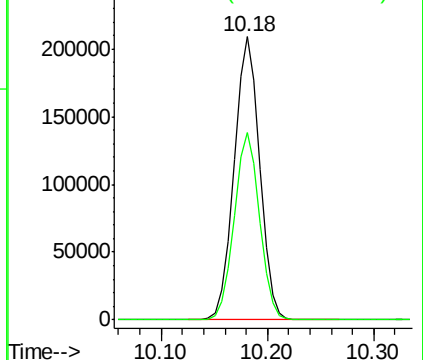
98 100

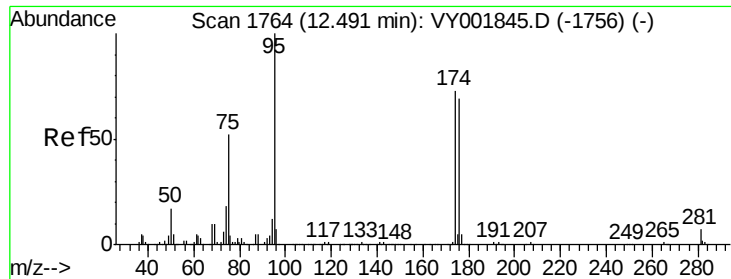
100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

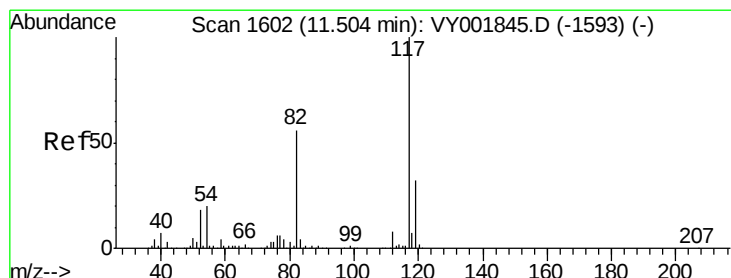
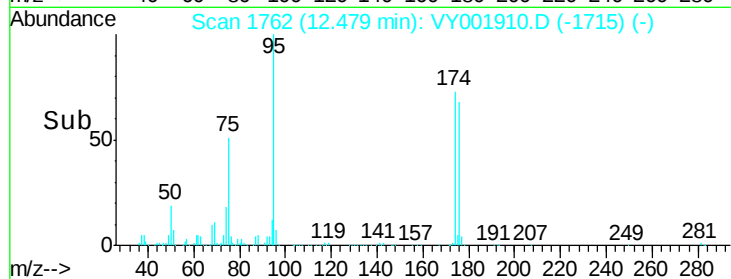
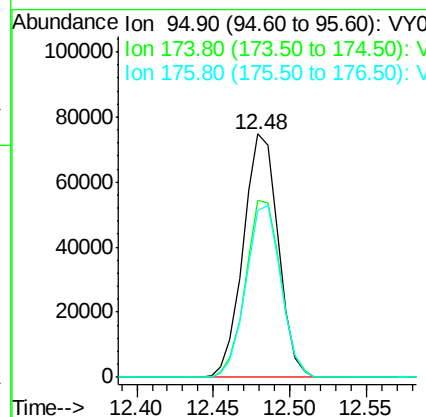
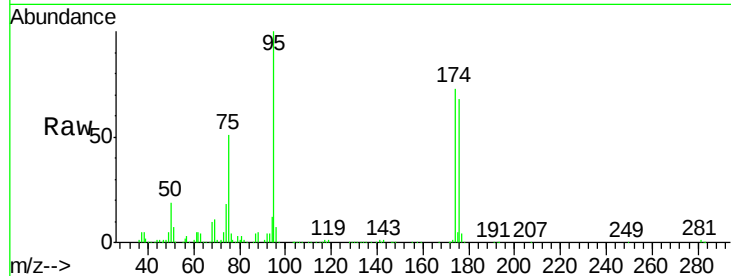




#62
4-Bromofluorobenzene
Concen: 51.27 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001910.D
Acq: 09 Mar 2020 16:02

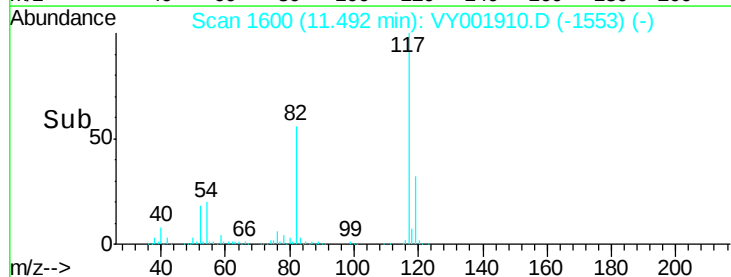
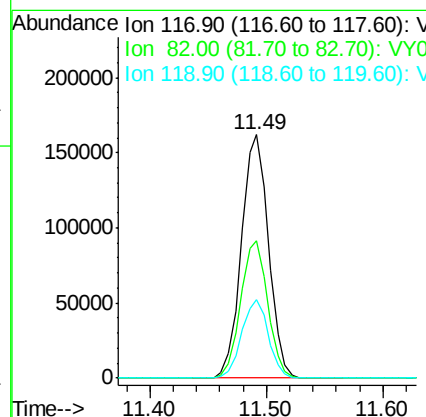
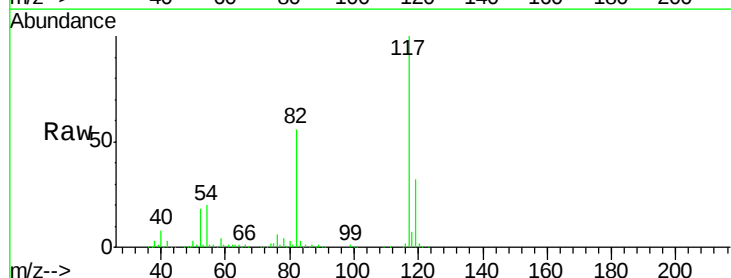
Instrument :
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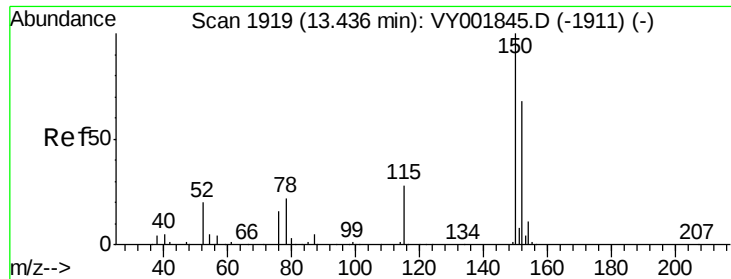
Tgt Ion: 95 Resp: 118745
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.0
176 70.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001910.D
Acq: 09 Mar 2020 16:02

Tgt Ion: 117 Resp: 262690
Ion Ratio Lower Upper
117 100
82 56.3 44.5 66.7
119 32.2 25.7 38.5



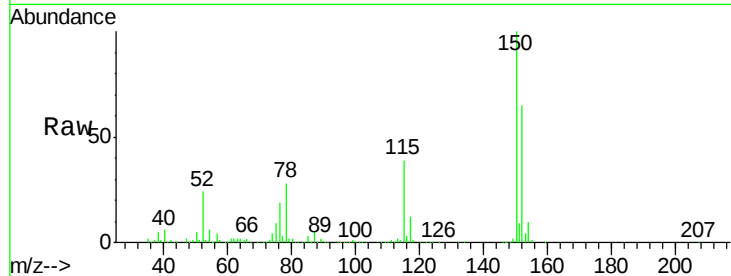


#72

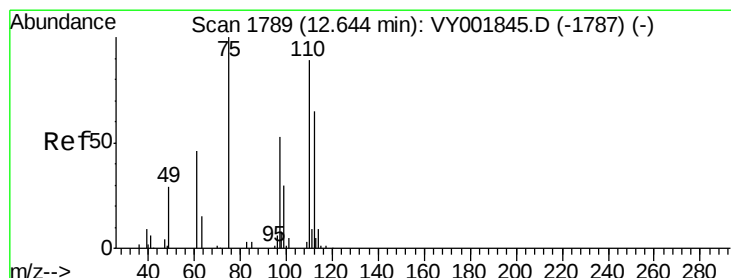
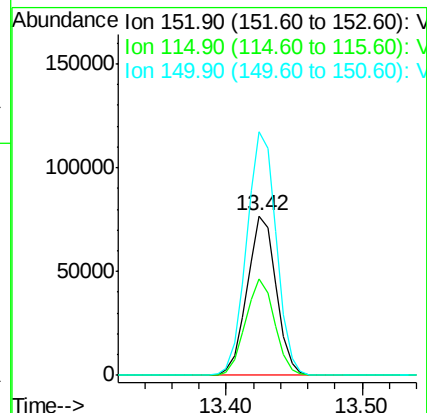
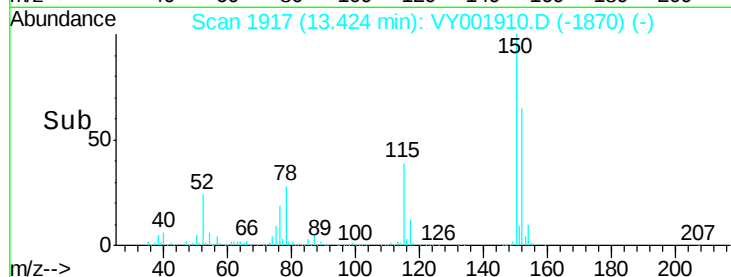
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001910.D
Acq: 09 Mar 2020 16:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-S2

Tgt Ion:152 Resp: 114355
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 156.4 0.0 340.6



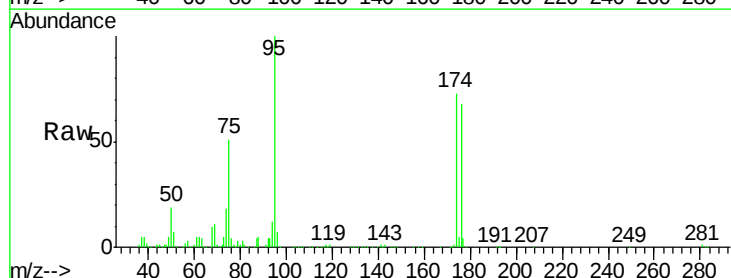
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



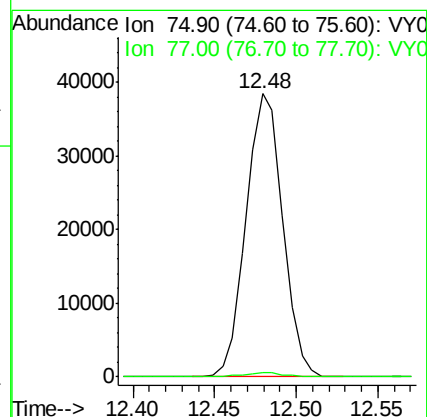
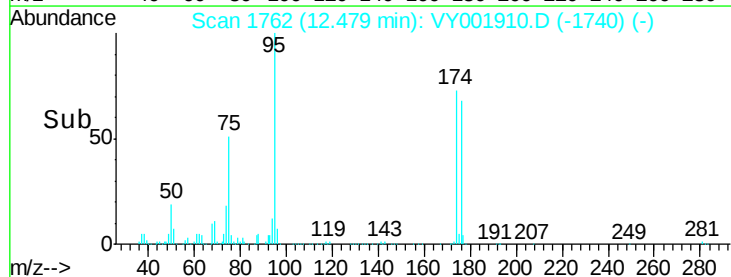
#76

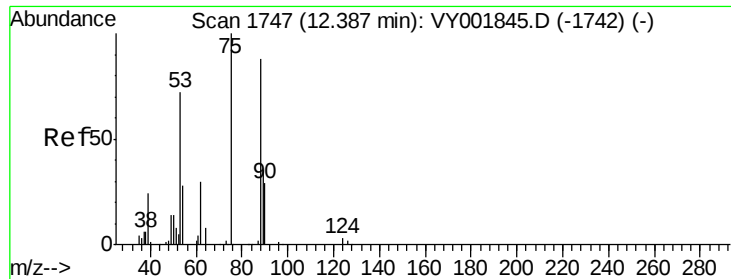
1,2,3-Trichloropropane
Concen: 44.41 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001910.D
Acq: 09 Mar 2020 16:02

Tgt Ion: 75 Resp: 60256
Ion Ratio Lower Upper
75 100
77 1.7 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: 89.70 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001910.D

Acq: 09 Mar 2020 16:02

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-S2

Tgt Ion: 75 Resp: 60256

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.0 36.0 54.0#

