

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000441.D
 Acq On : 25 Oct 2019 19:57
 Operator : SY/MD
 Sample : K5540-10
 Misc : 5.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

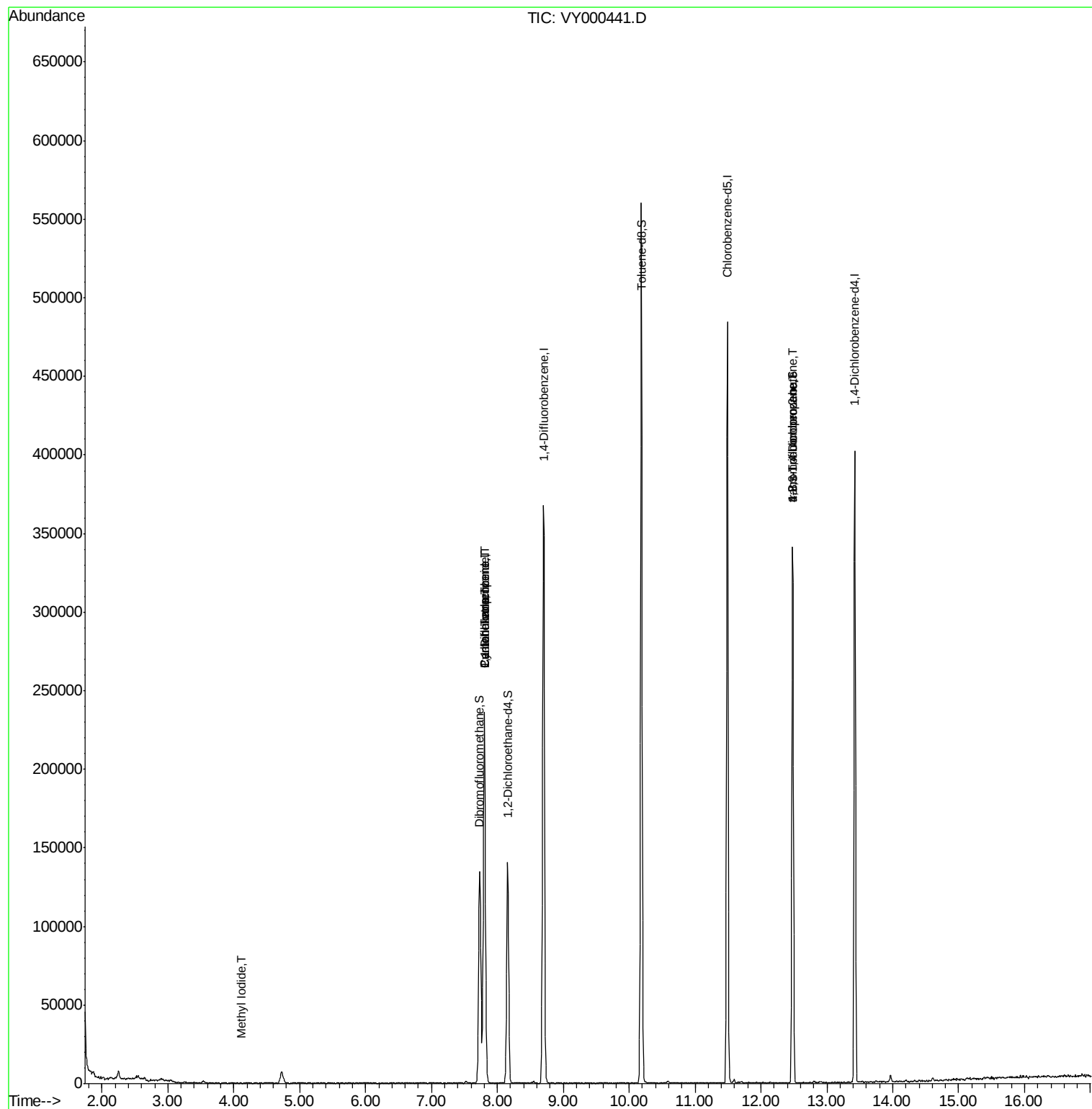
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	182588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	314905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	255635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	94859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	106520	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.73	113	93892	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.19	98	361653	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.48	95	100926	36.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.72%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	26	1.195	ug/l #	41
20) Methylene Chloride	4.72	84	2834	Below Cal	#	85
31) Cyclohexane	7.81	56	4047	1.098	ug/l #	57
36) 1,1-Dichloropropene	7.81	75	14577	4.728	ug/l #	47
38) Carbon Tetrachloride	7.81	117	17416	5.834	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	54661	46.861	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	54661	102.531	ug/l #	14

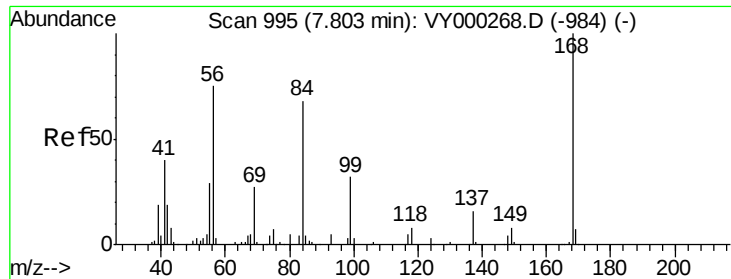
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000441.D

Acq: 25 Oct 2019 19:57

Instrument :

MSVOA_Y

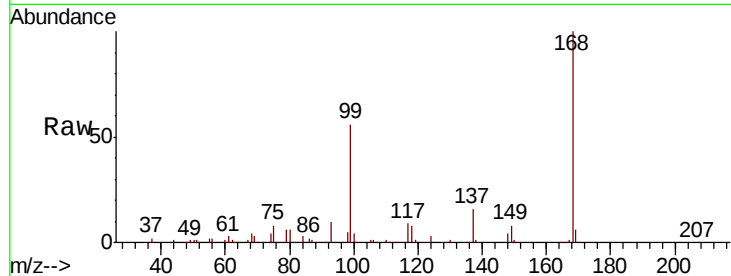
ClientSampleId :

Tot Ion:168 Resp: 182588

Ion Ratio Lower Upper

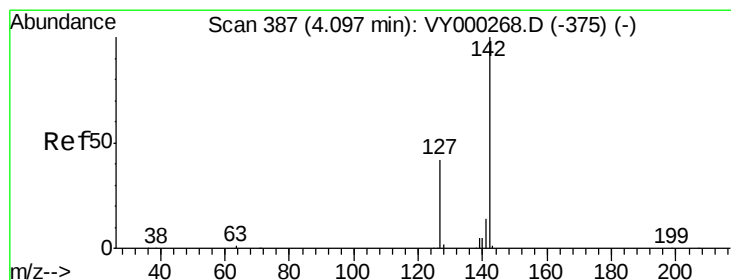
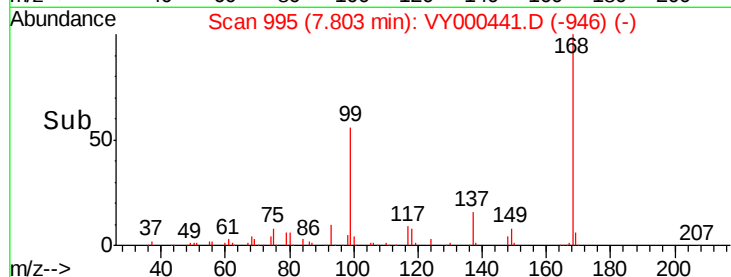
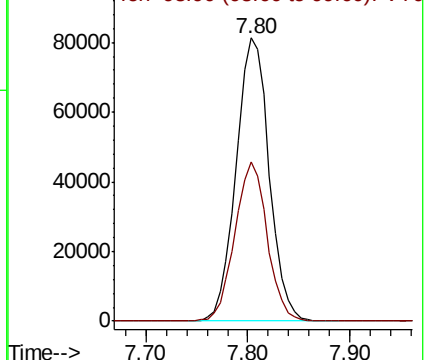
168 100

99 56.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 1.195 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000441.D

Acq: 25 Oct 2019 19:57

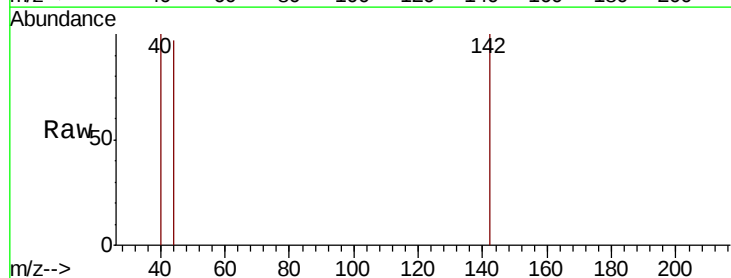
Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

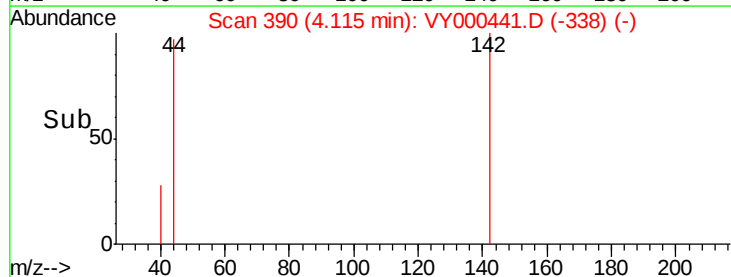
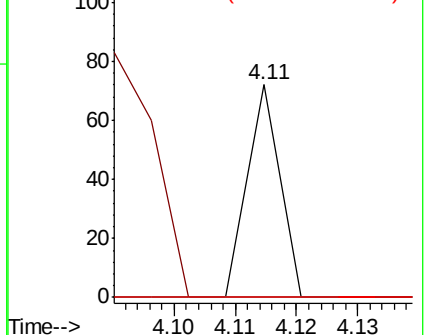
141 0.0 11.2 16.8#

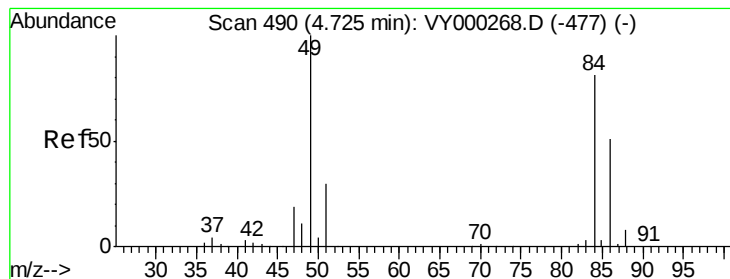


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000441.D

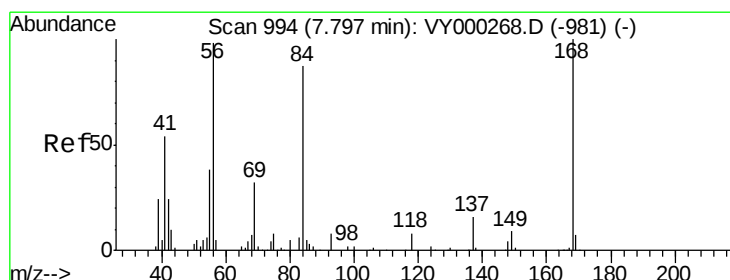
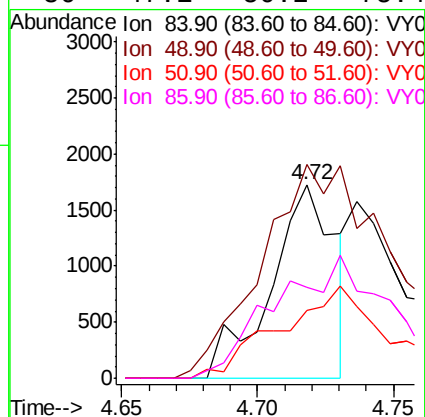
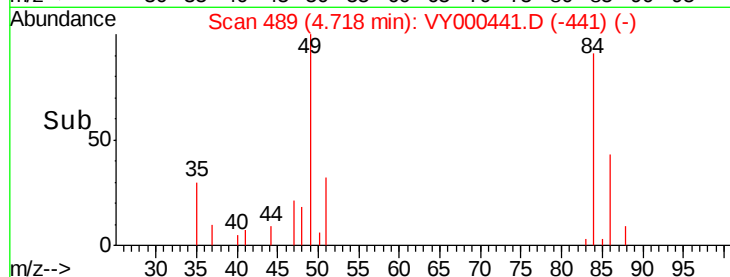
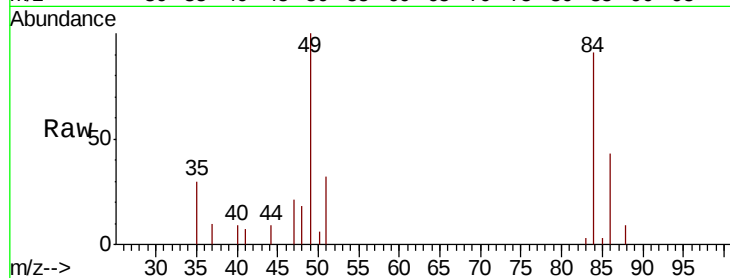
Acq: 25 Oct 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 2834

Ion Ratio Lower Upper

84	100		
49	106.2	99.0	148.4
51	34.8	29.3	43.9
86	47.1	50.2	75.4#



#31

Cyclohexane

Concen: 1.098 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

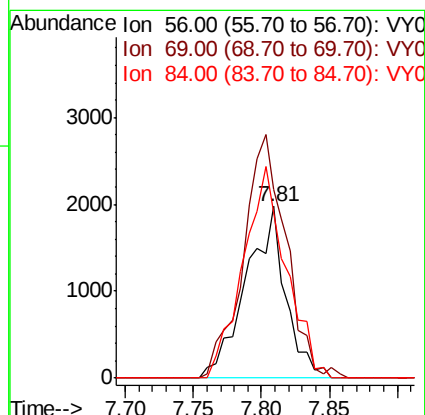
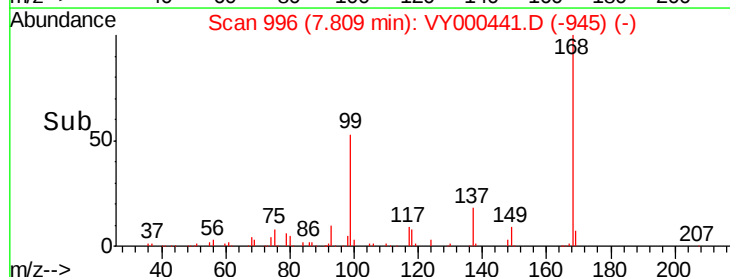
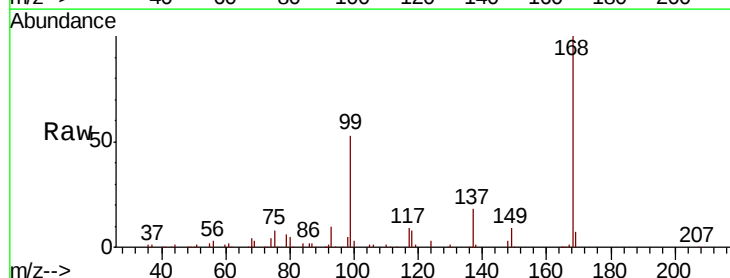
Lab File: VY000441.D

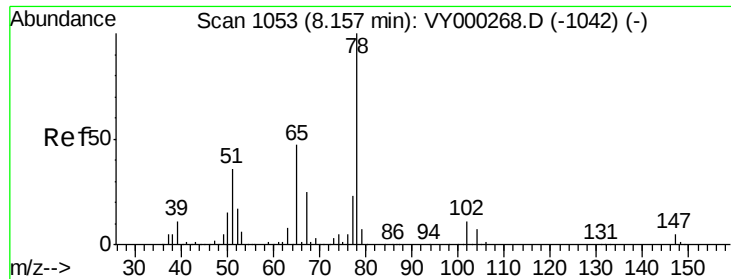
Acq: 25 Oct 2019 19:57

Tgt Ion: 56 Resp: 4047

Ion Ratio Lower Upper

56	100		
69	110.1	26.3	39.5#
84	96.6	70.8	106.2

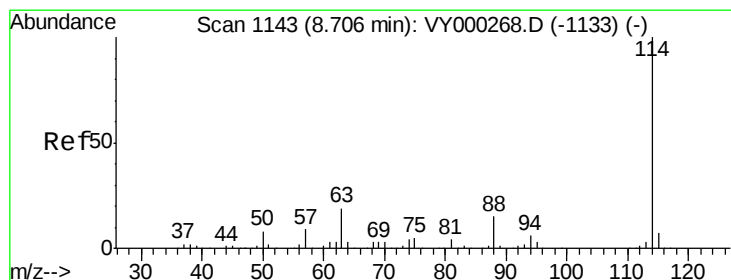
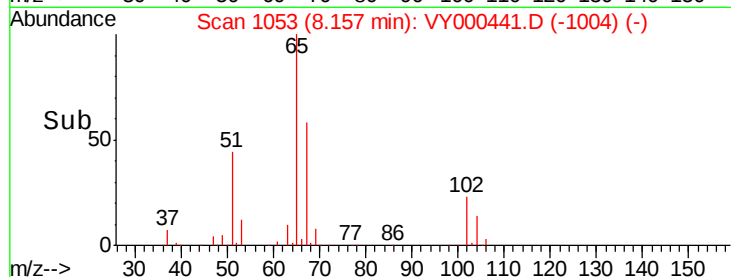
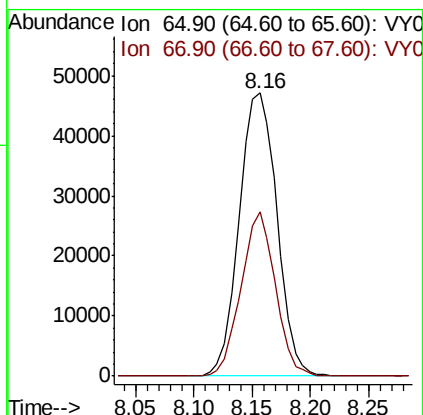
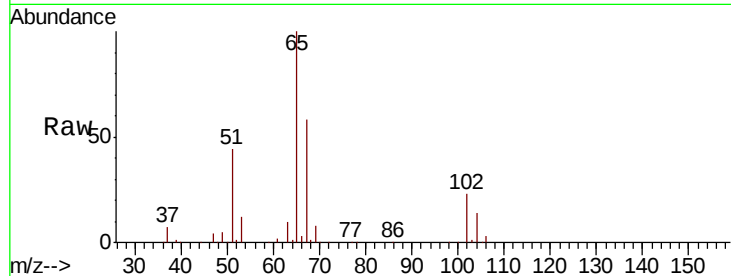




#33
 1,2-Dichloroethane-d4
 Concen: 55.306 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000441.D
 Acq: 25 Oct 2019 19:57

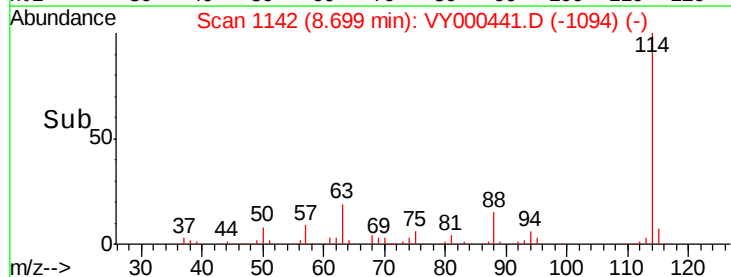
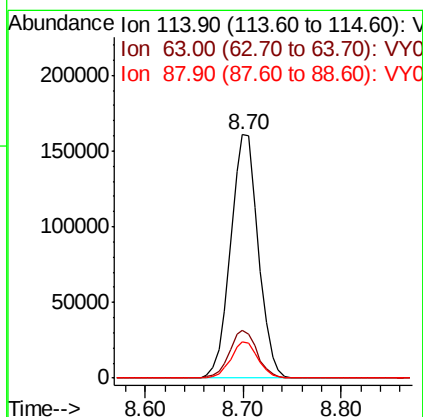
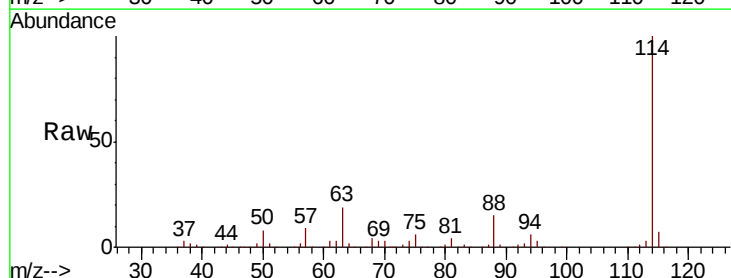
Instrument :
 MSVOA_Y
 ClientSampleId :

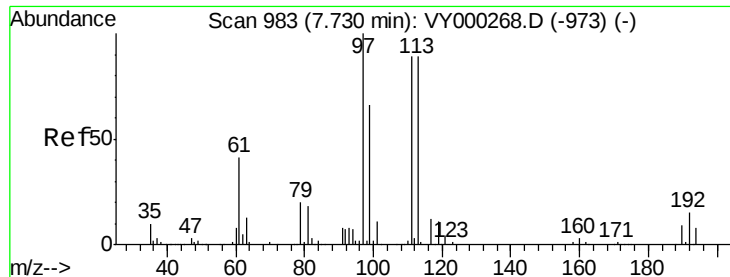
Tot Ion: 65 Resp: 106520
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000441.D
 Acq: 25 Oct 2019 19:57

Tgt Ion: 114 Resp: 314905
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 14.9 0.0 30.2

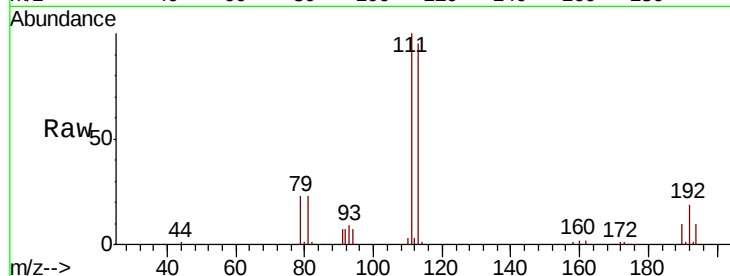




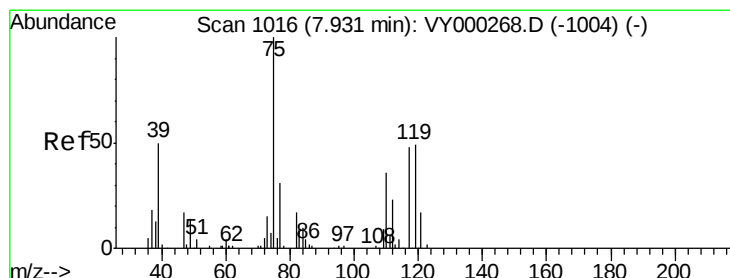
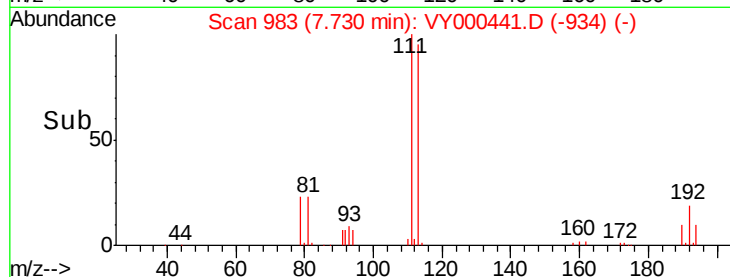
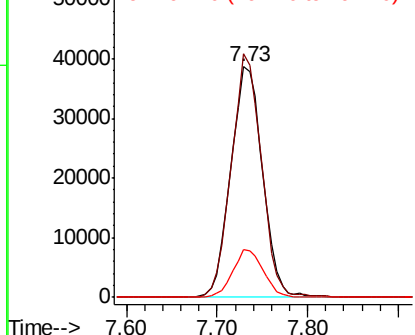
#35
 Dibromofluoromethane
 Concen: 49.429 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000441.D
 Acq: 25 Oct 2019 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 93892
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.6 122.4
 192 19.9 15.3 22.9

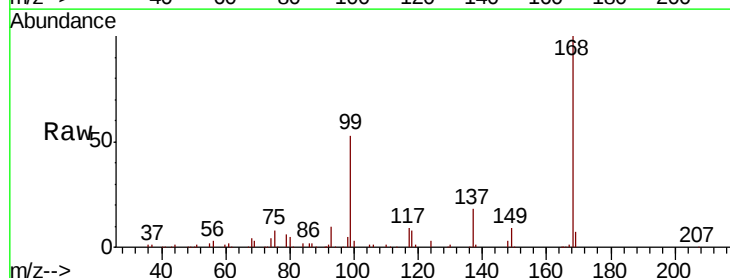


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

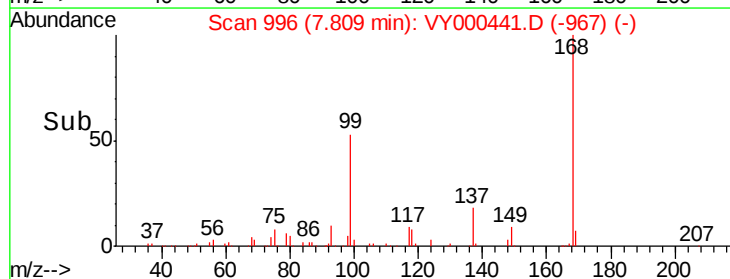
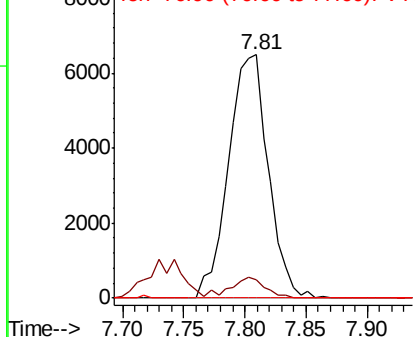


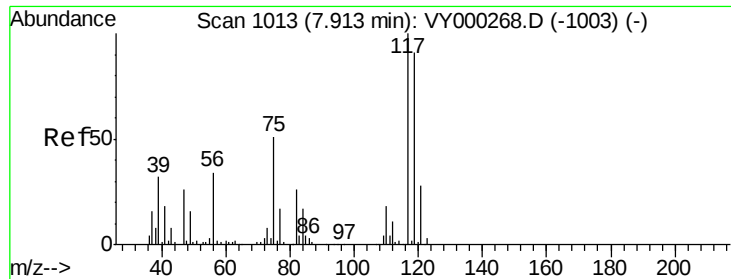
#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY000441.D
 Acq: 25 Oct 2019 19:57

Tgt Ion: 75 Resp: 14577
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.4 55.4#
 77 0.0 25.0 37.6#



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

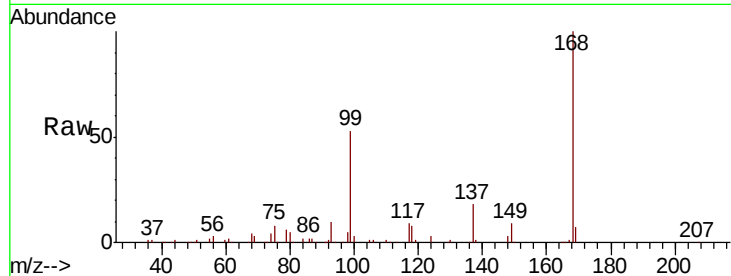




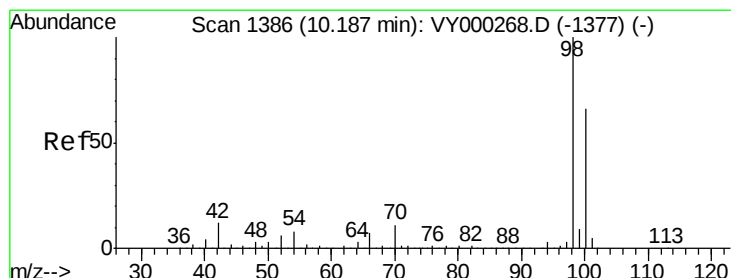
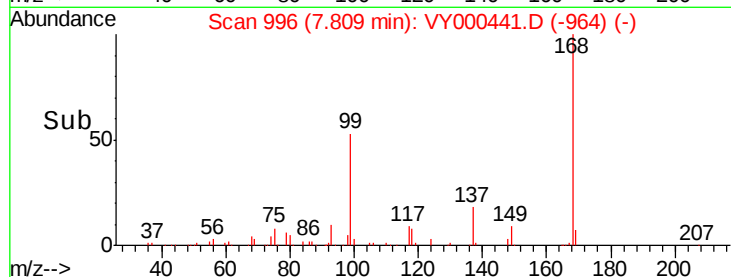
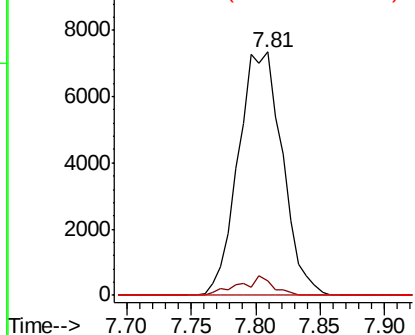
#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY000441.D
Acq: 25 Oct 2019 19:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 17416
Ion Ratio Lower Upper
117 100
119 5.9 72.8 109.2#
121 0.0 22.2 33.2#

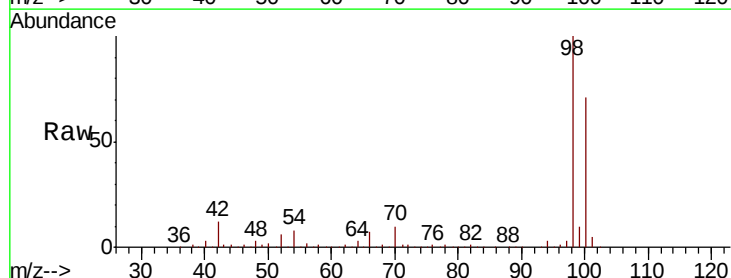


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

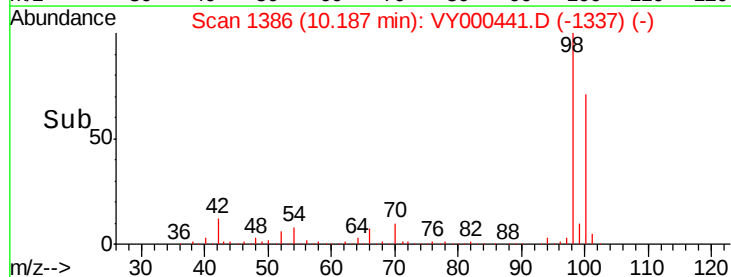
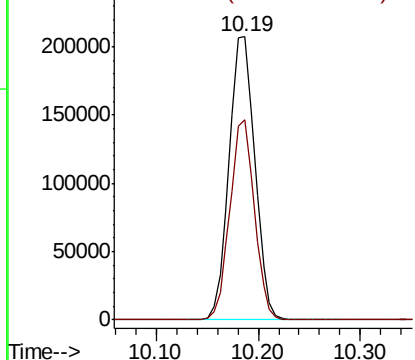


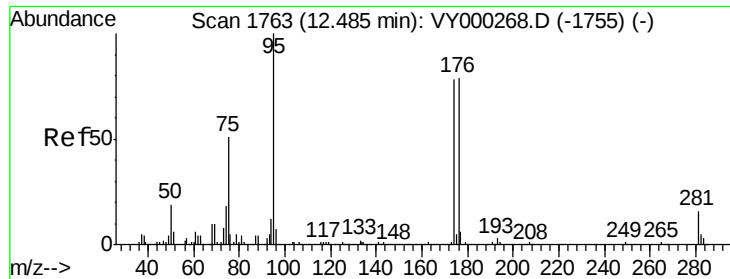
#50
Toluene-d8
Concen: 49.494 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000441.D
Acq: 25 Oct 2019 19:57

Tgt Ion: 98 Resp: 361653
Ion Ratio Lower Upper
98 100
100 67.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

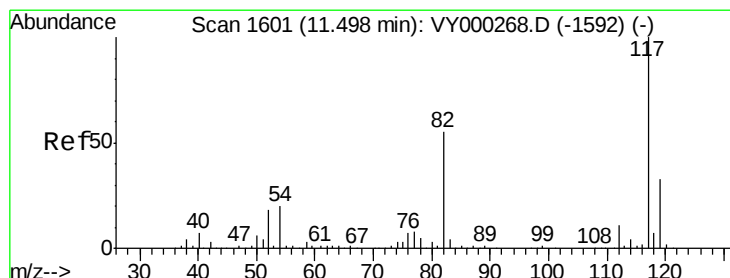
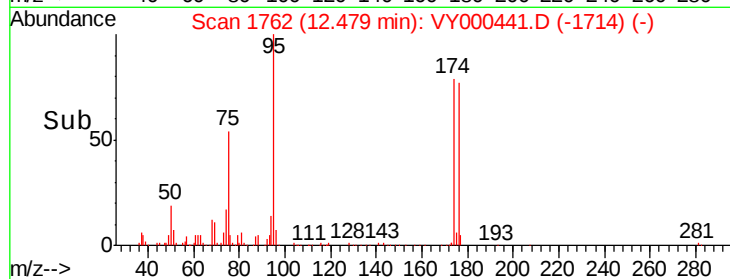
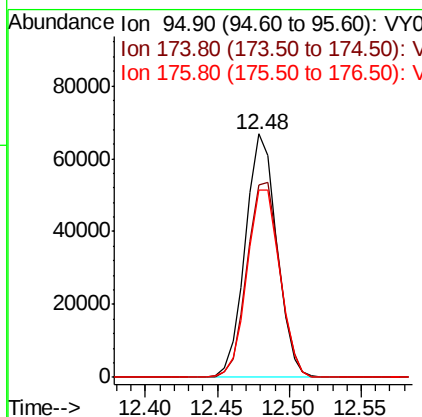
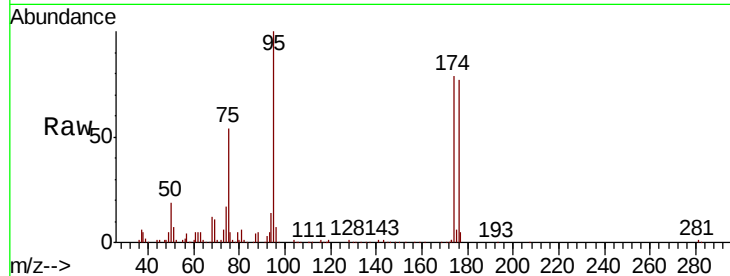




#62
4-Bromofluorobenzene
Concen: 36.356 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000441.D
Acq: 25 Oct 2019 19:57

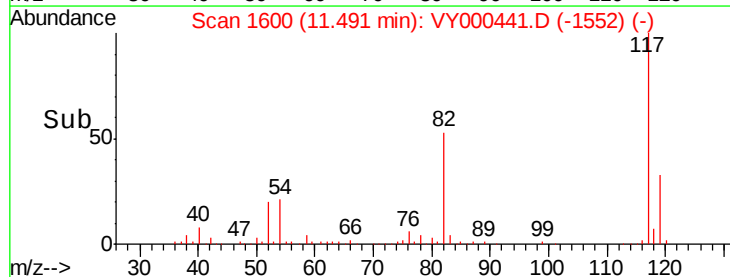
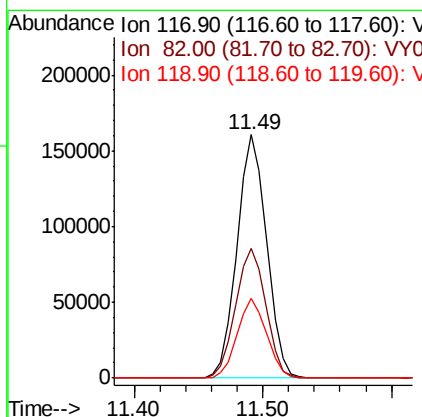
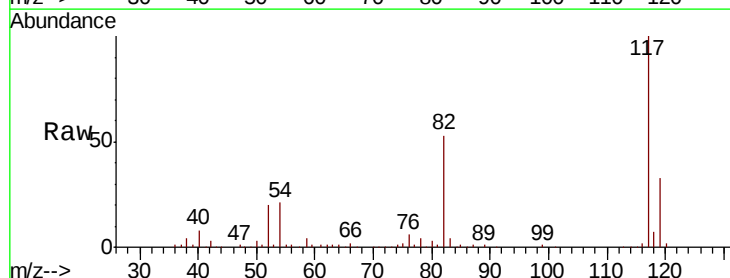
Instrument :
MSVOA_Y
ClientSampleId :

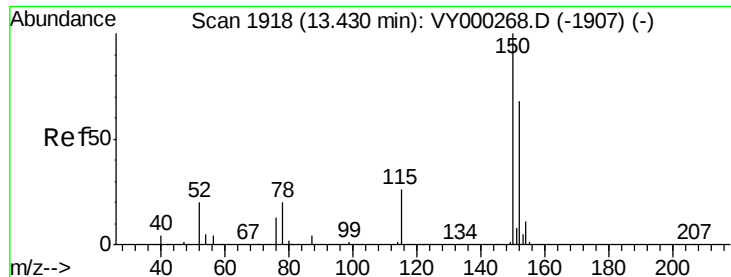
Tot Ion	95	Resp	100926
Ion Ratio	Lower	Upper	
95	100		
174	83.4	0.0	159.6
176	80.7	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000441.D
Acq: 25 Oct 2019 19:57

Tgt Ion	117	Resp	255635
Ion Ratio	Lower	Upper	
117	100		
82	53.2	43.7	65.5
119	32.8	26.6	39.8



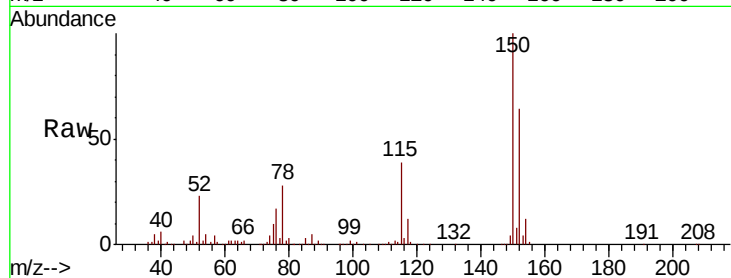


#72

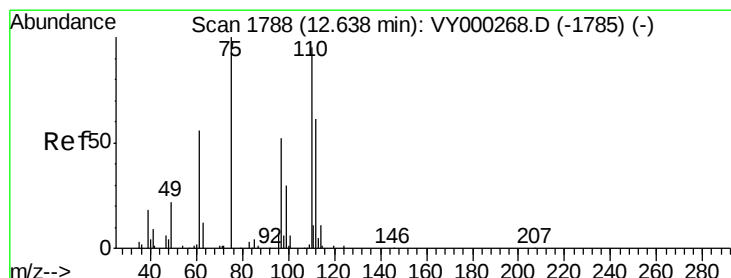
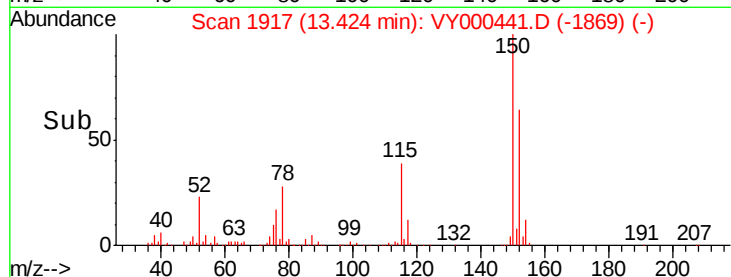
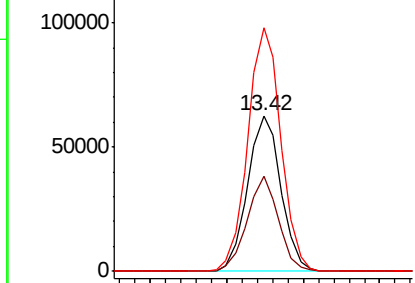
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000441.D
Acq: 25 Oct 2019 19:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	88.0
150	154.9	0.0	348.4



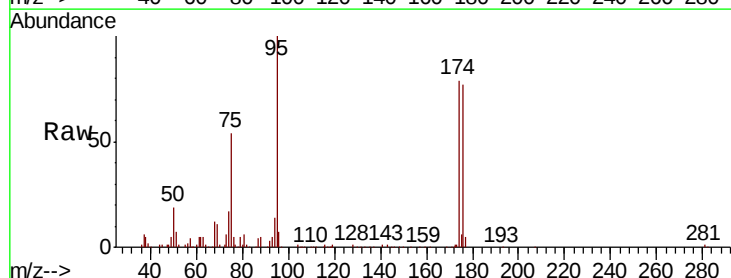
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



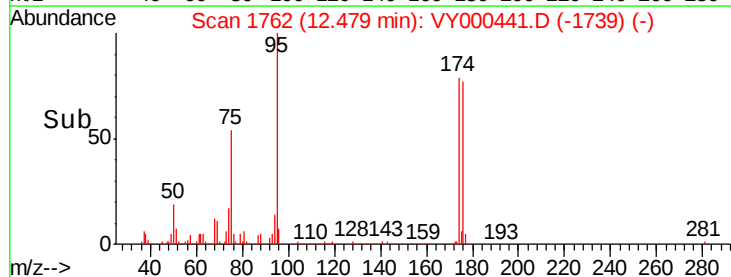
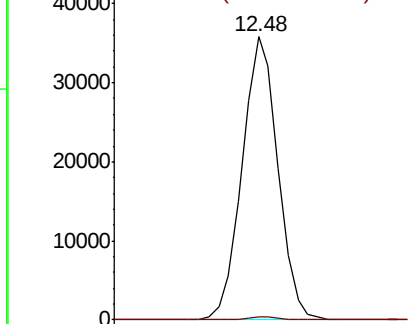
#76

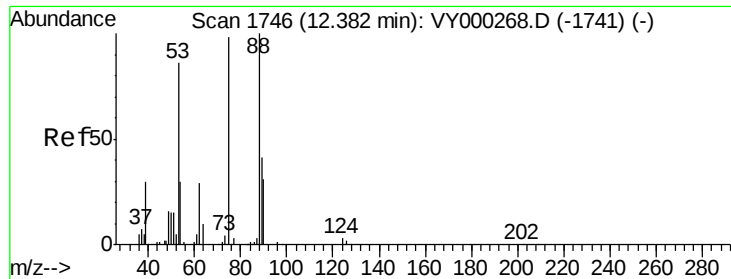
1,2,3-Trichloropropane
Concen: 46.861 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000441.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	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: 102.531 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000441.D

Acq: 25 Oct 2019 19:57

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 54661

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 35.1 52.7#

