

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000442.D
 Acq On : 25 Oct 2019 20:20
 Operator : SY/MD
 Sample : K5540-12
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:50 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

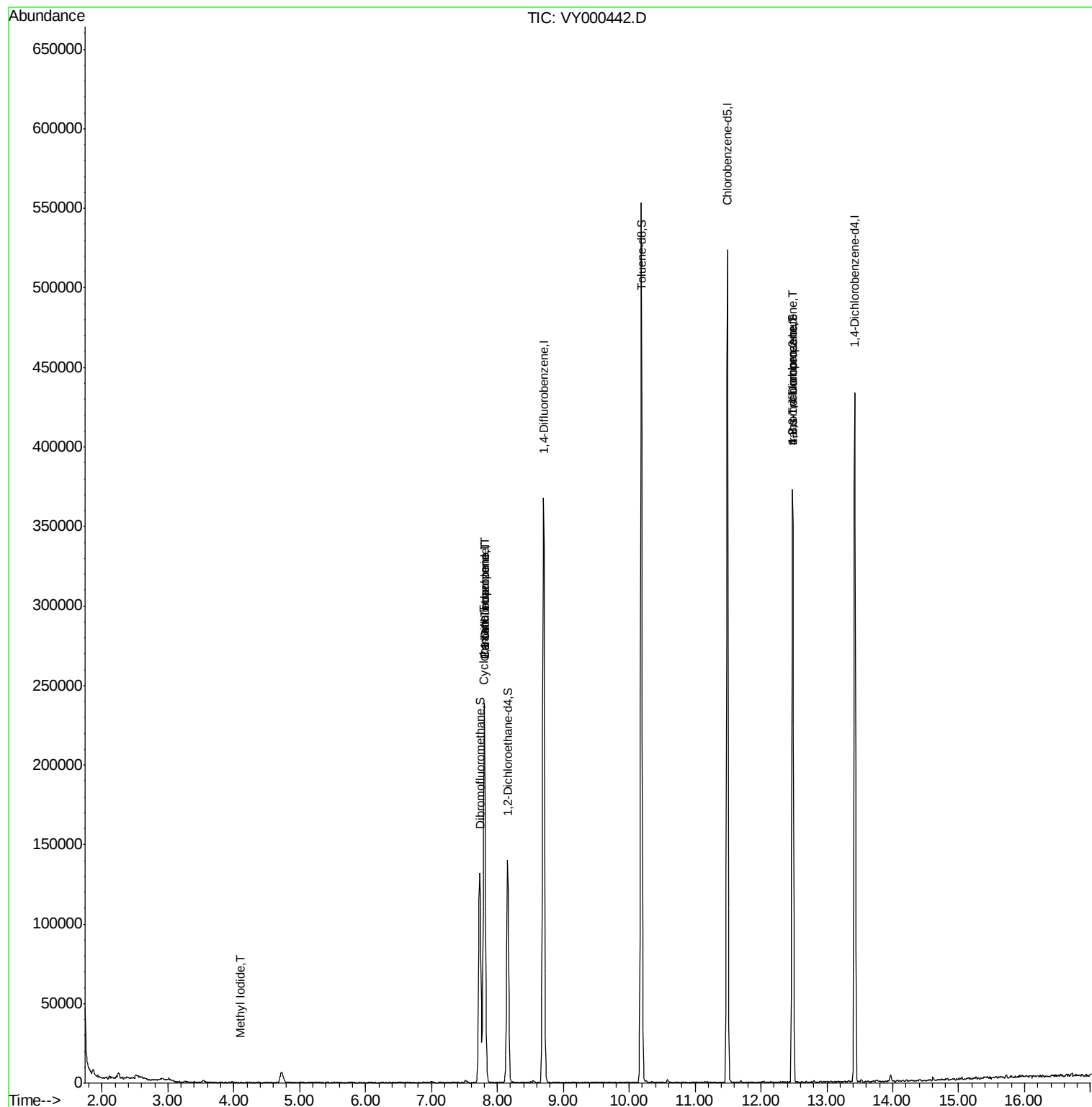
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	182239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	312906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	275490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	106021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107732	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
35) Dibromofluoromethane	7.74	113	92504	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.19	98	359264	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.48	95	110297	39.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.98%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	68	1.211	ug/l #	41
20) Methylene Chloride	4.72	84	3090	Below Cal		92
31) Cyclohexane	7.79	56	4413	1.200	ug/l #	62
36) 1,1-Dichloropropene	7.80	75	13529	4.416	ug/l #	52
38) Carbon Tetrachloride	7.80	117	17794	5.999	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	58981	45.241	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58981	98.986	ug/l #	14

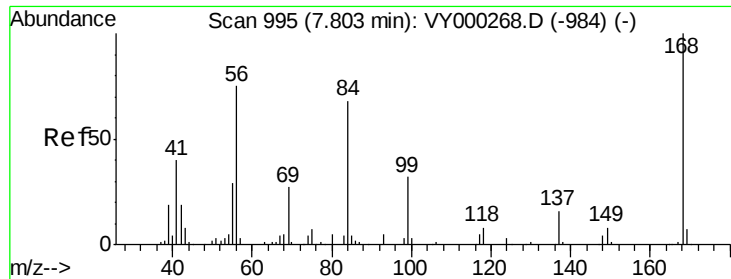
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
Data File : VY000442.D
Acq On : 25 Oct 2019 20:20
Operator : SY/MD
Sample : K5540-12
Misc : 5.08G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:47:50 2019
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: VY000442.D

Acq: 25 Oct 2019 20:20

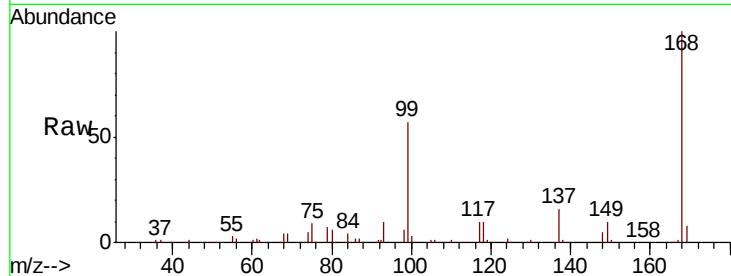
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 182239

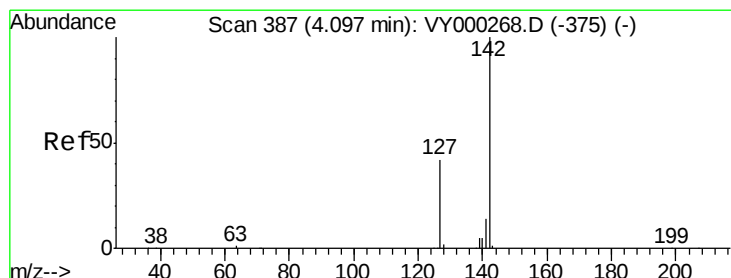
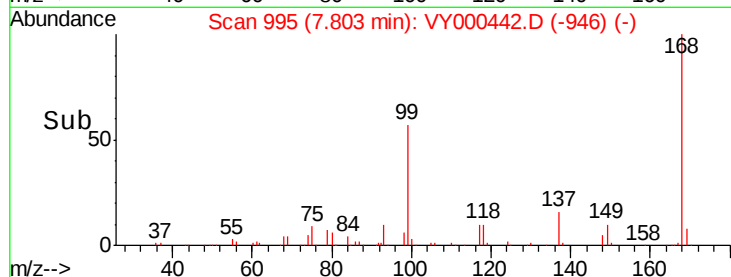
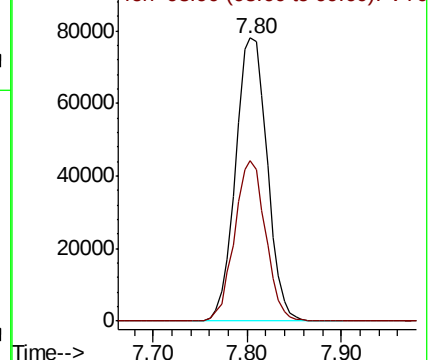
Ion Ratio Lower Upper

168 100

99 56.9 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: 1.211 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000442.D

Acq: 25 Oct 2019 20:20

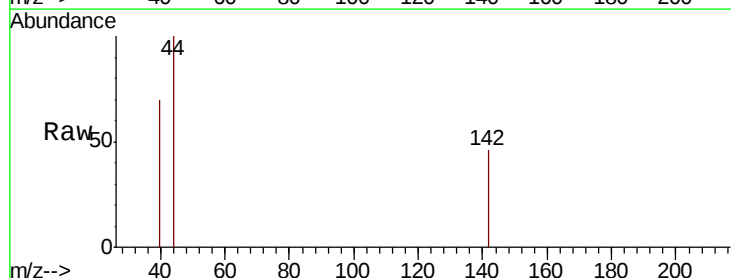
Tgt Ion:142 Resp: 68

Ion Ratio Lower Upper

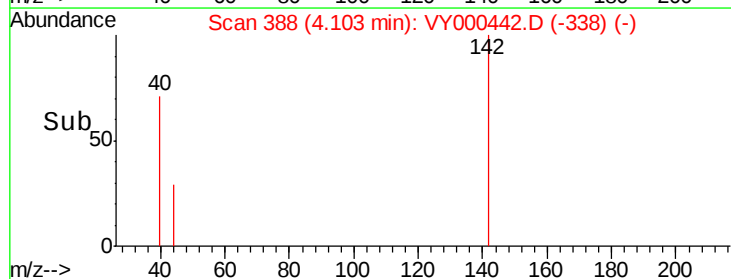
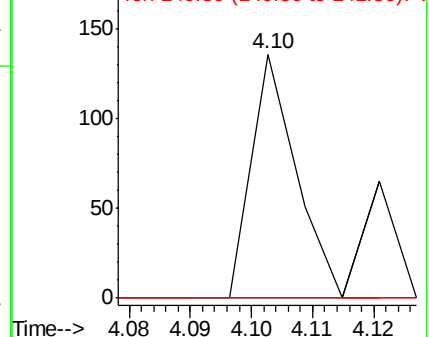
142 100

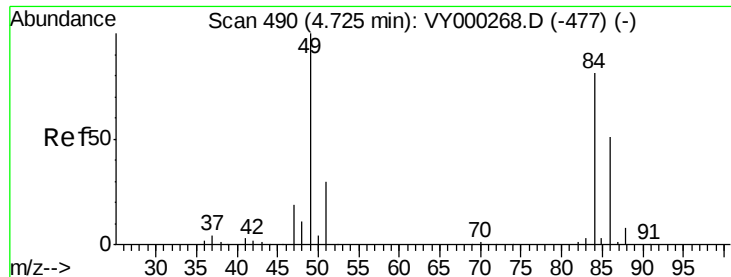
127 0.0 33.9 50.9#

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

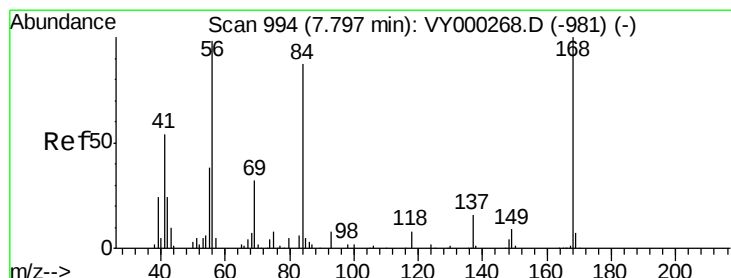
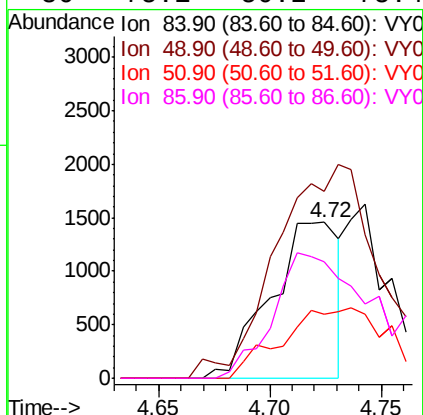
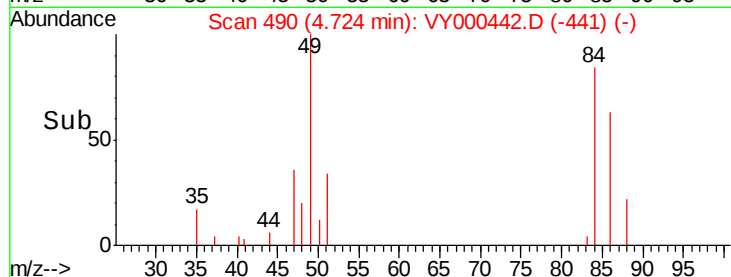
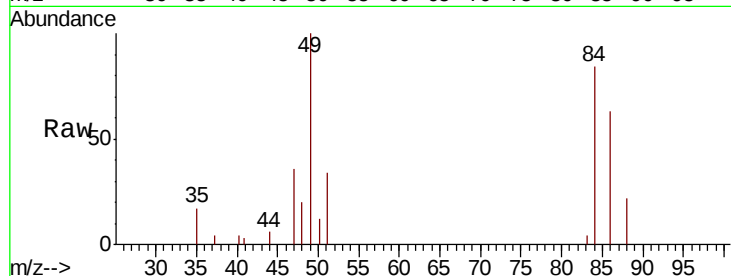




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

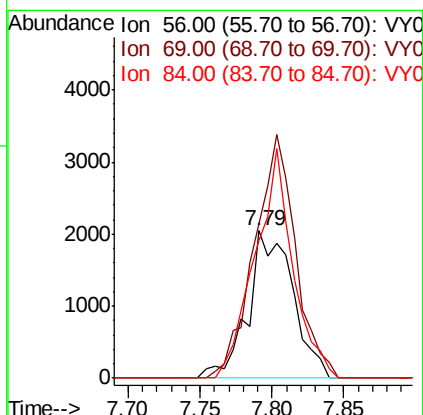
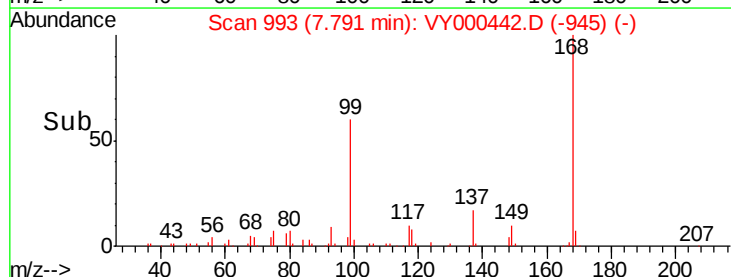
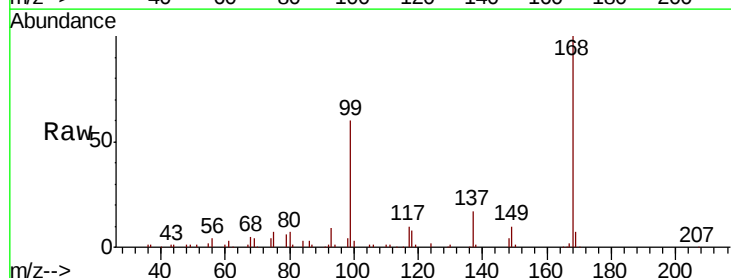
Instrument :
MSVOA_Y
ClientSampled :

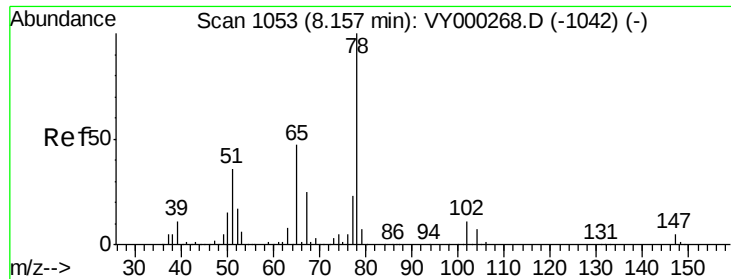
Tot Ion:	84	Resp:	3090
Ion	Ratio	Lower	Upper
84	100		
49	119.6	99.0	148.4
51	40.9	29.3	43.9
86	75.1	50.2	75.4



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

Tgt Ion:	56	Resp:	4413
Ion	Ratio	Lower	Upper
56	100		
69	104.5	26.3	39.5#
84	93.4	70.8	106.2

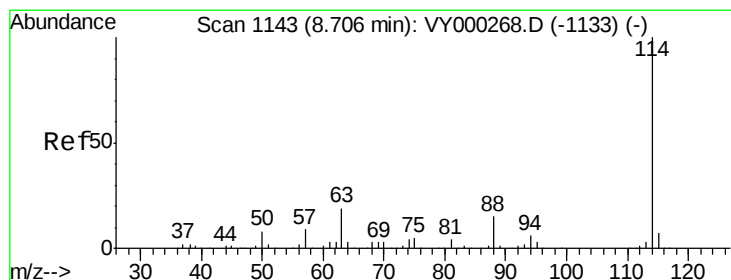
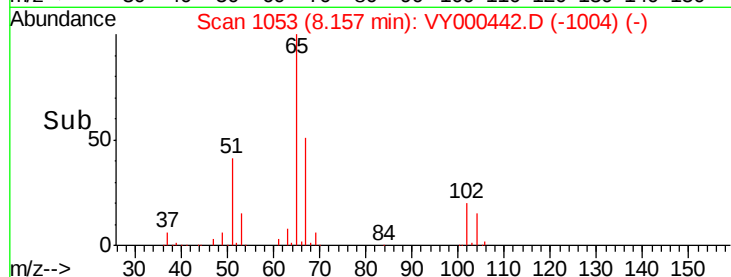
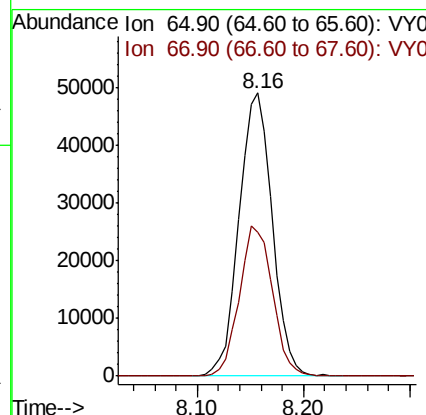
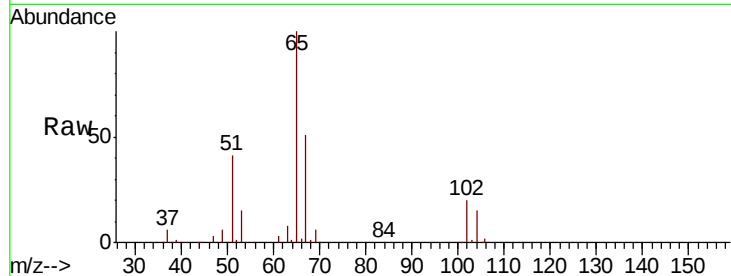




#33
 1,2-Dichloroethane-d4
 Concen: 56.042 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000442.D
 Acq: 25 Oct 2019 20:20

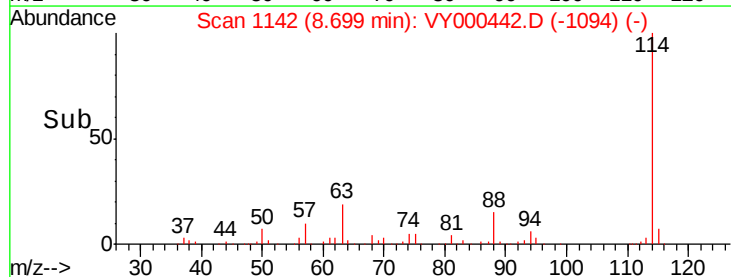
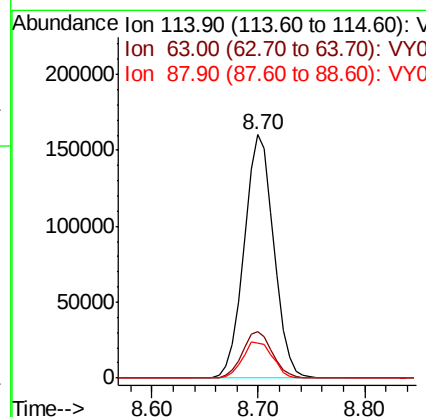
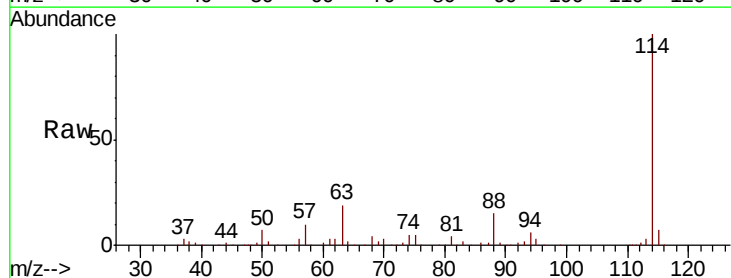
Instrument :
 MSVOA_Y
 ClientSampled :

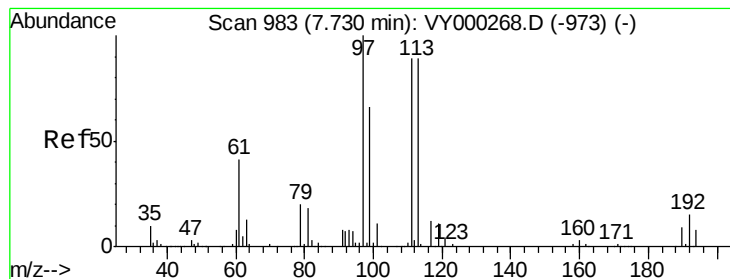
Tot Ion: 65 Resp: 107732
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000442.D
 Acq: 25 Oct 2019 20:20

Tgt Ion: 114 Resp: 312906
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.009 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000442.D

Acq: 25 Oct 2019 20:20

Instrument :
MSVOA_Y
ClientSampled :

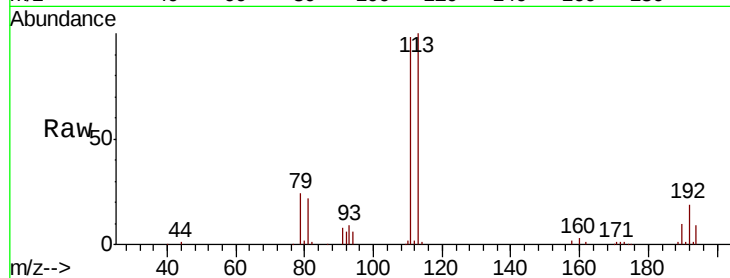
Tot Ion:113 Resp: 92504

Ion Ratio Lower Upper

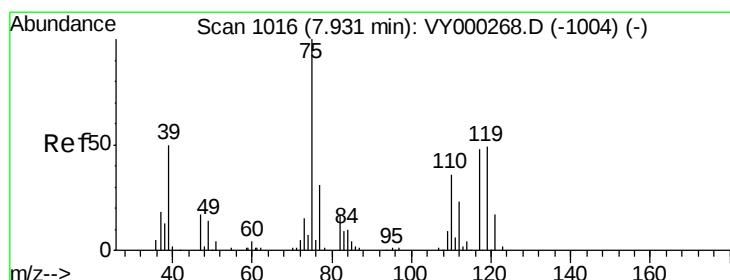
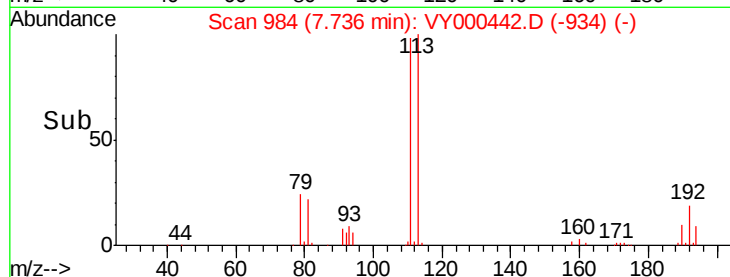
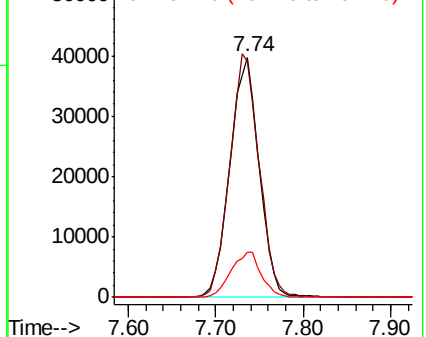
113 100

111 101.4 81.6 122.4

192 19.4 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: 4.416 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY000442.D

Acq: 25 Oct 2019 20:20

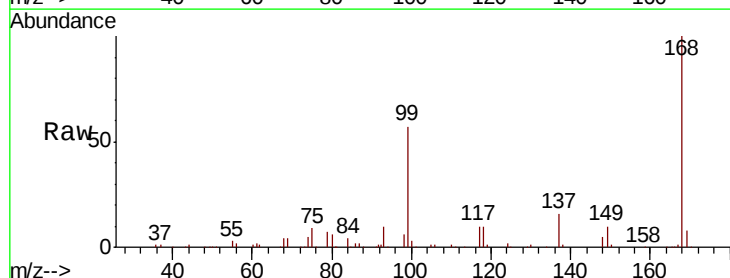
Tgt Ion: 75 Resp: 13529

Ion Ratio Lower Upper

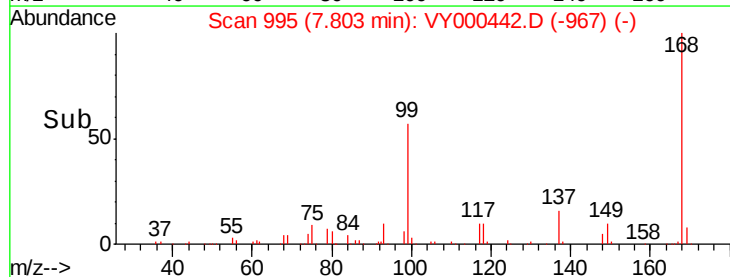
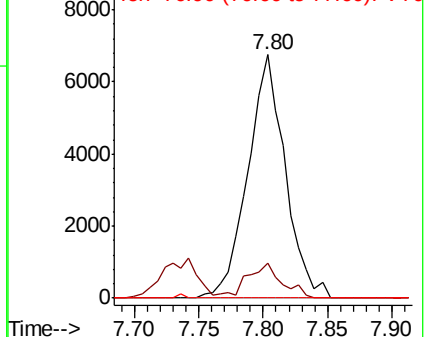
75 100

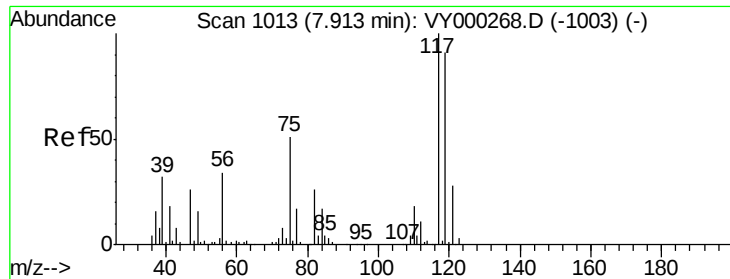
110 13.1 18.4 55.4#

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

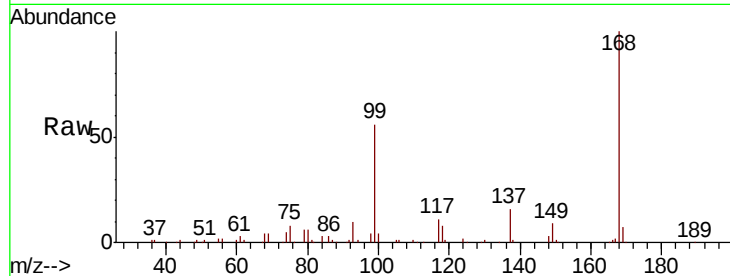




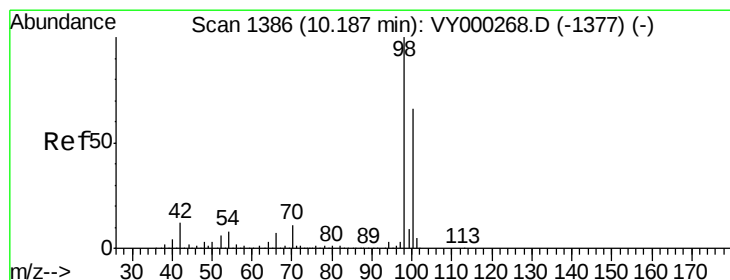
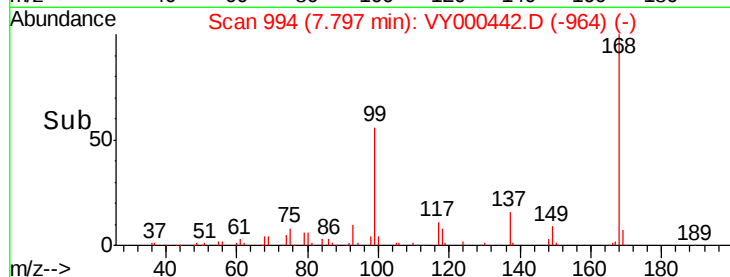
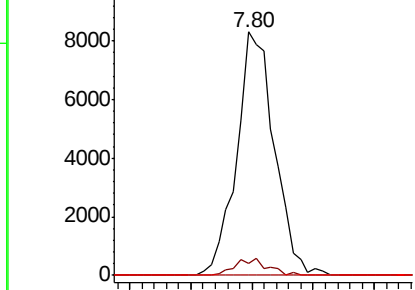
#38
Carbon Tetrachloride
Concen: 5.999 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 17794
Ion Ratio Lower Upper
117 100
119 4.9 72.8 109.2#
121 0.0 22.2 33.2#

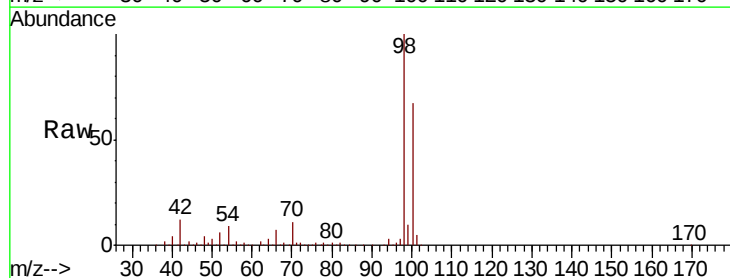


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

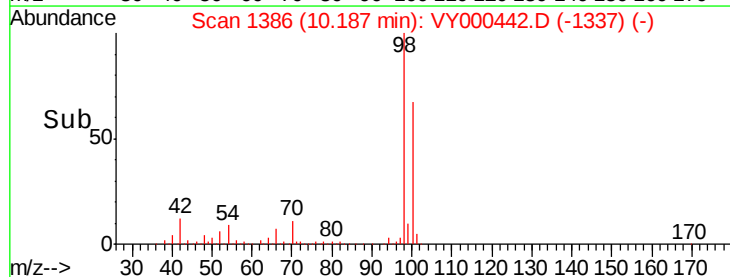
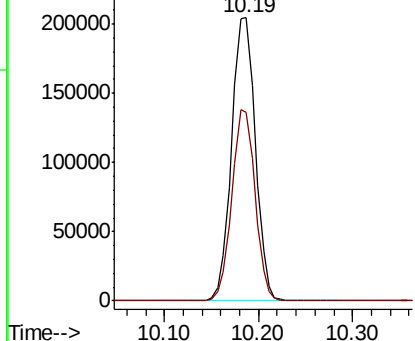


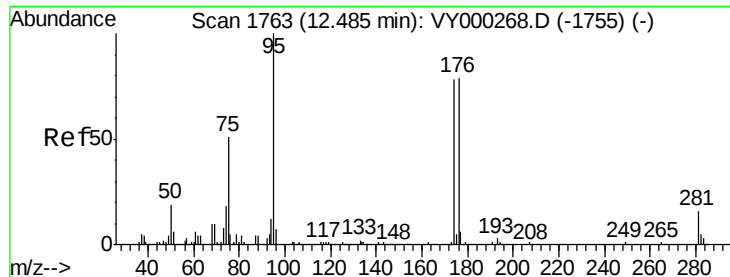
#50
Toluene-d8
Concen: 49.481 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

Tgt Ion: 98 Resp: 359264
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



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

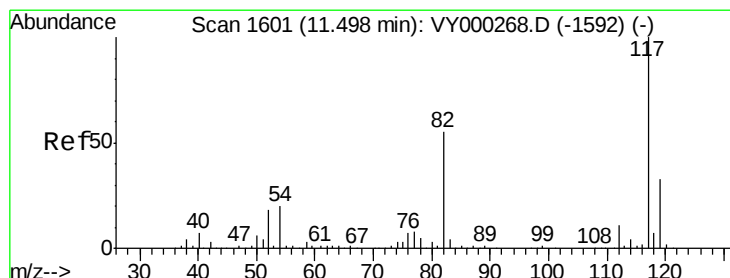
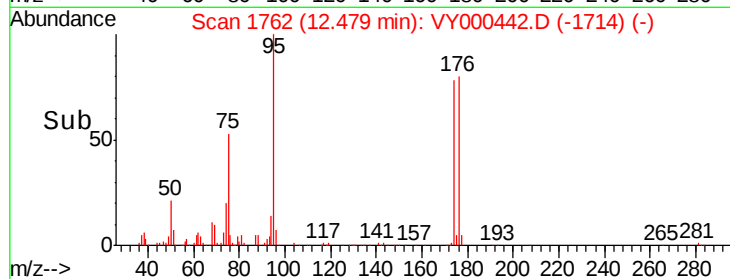
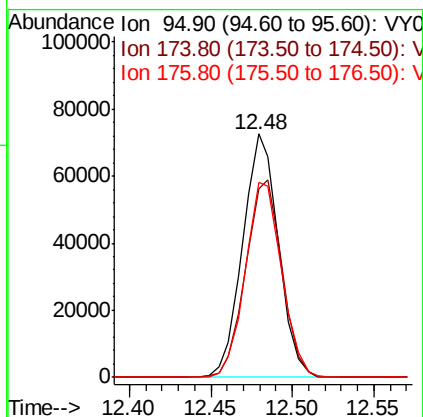
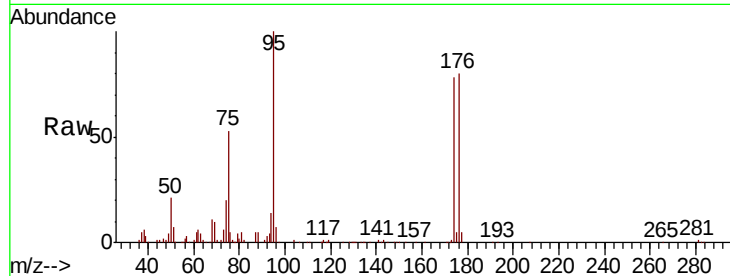




#62
4-Bromofluorobenzene
Concen: 39.986 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

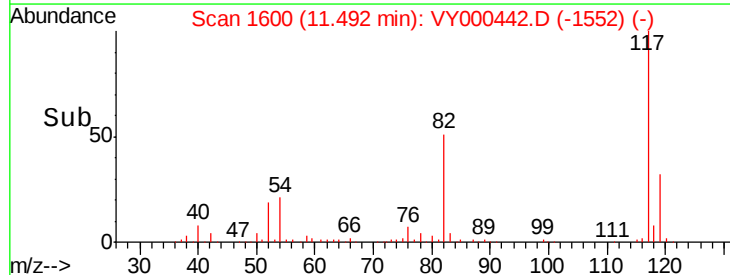
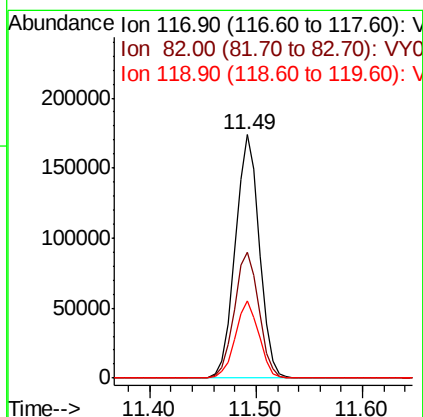
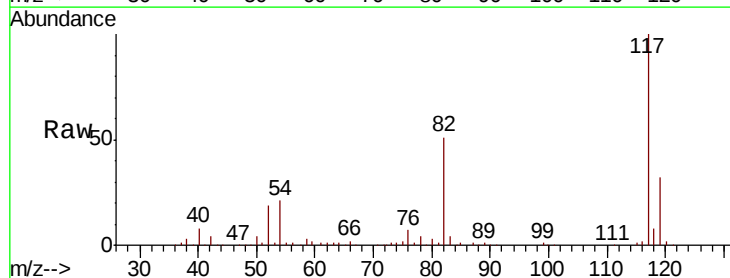
Instrument :
MSVOA_Y
ClientSampleId :

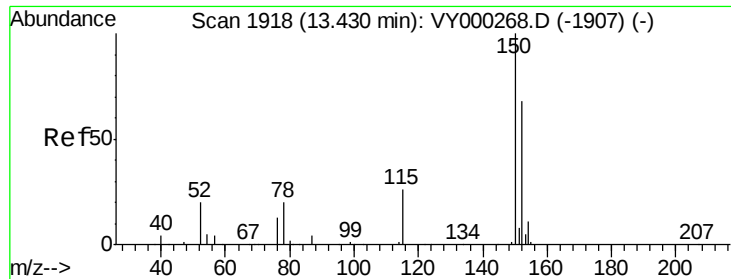
Tot Ion	95	Resp	110297
Ion Ratio	Lower	Upper	
95	100		
174	82.4	0.0	159.6
176	82.0	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

Tgt Ion	117	Resp	275490
Ion Ratio	Lower	Upper	
117	100		
82	51.5	43.7	65.5
119	31.8	26.6	39.8



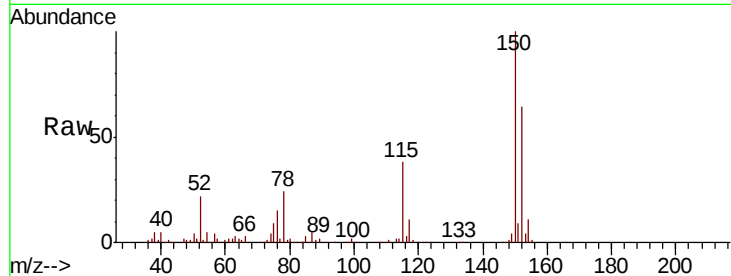


#72

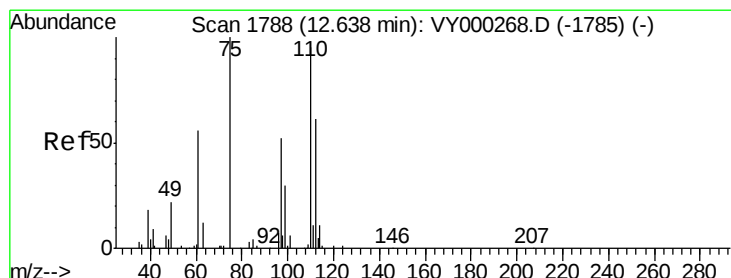
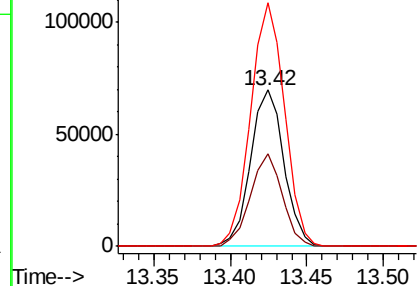
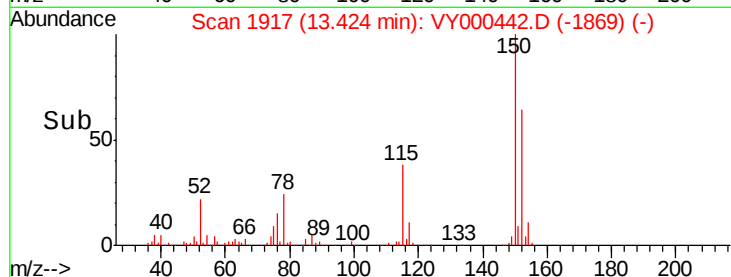
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.3	88.0
150	158.0	0.0	348.4



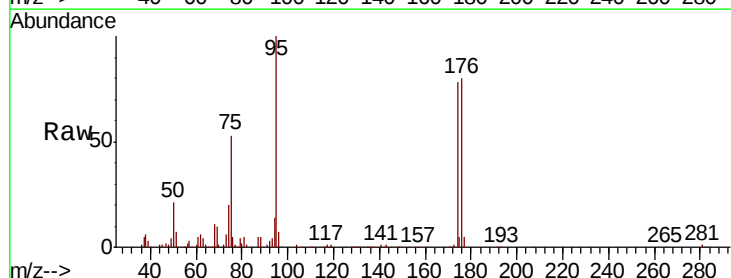
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



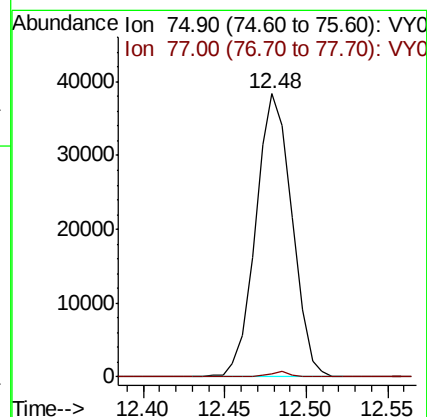
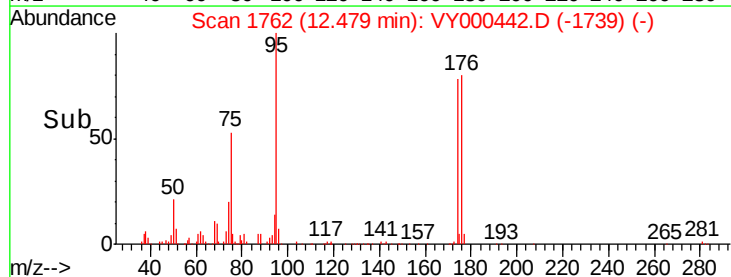
#76

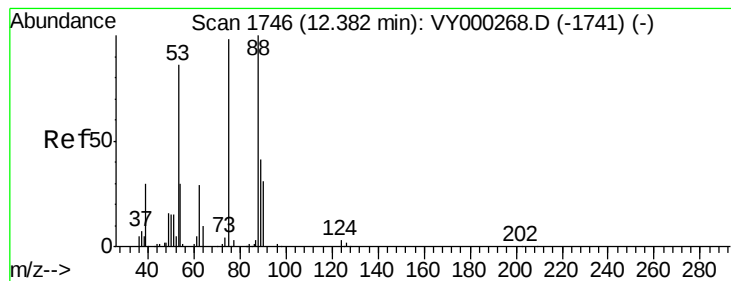
1,2,3-Trichloropropane
Concen: 45.241 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000442.D
Acq: 25 Oct 2019 20:20

Tgt 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: 98.986 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000442.D

Acq: 25 Oct 2019 20:20

Instrument :

MSVOA_Y

ClientSampleId :

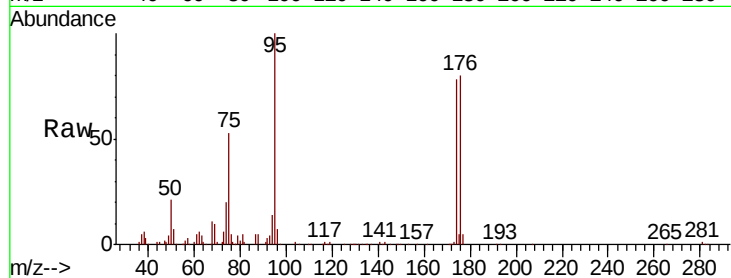
Tot Ion: 75 Resp: 58981

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 35.1 52.7#



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

