

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000353.D
 Acq On : 18 Oct 2019 15:54
 Operator : SY/MD
 Sample : K5459-01
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:54:45 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	260168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	442534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165400	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	145609	53.06	ug/l	0.00
Spiked Amount						
			Recovery	=	106.12%	
35) Dibromofluoromethane	7.73	113	124187	46.52	ug/l	0.00
Spiked Amount						
			Recovery	=	93.04%	
50) Toluene-d8	10.19	98	502415	48.93	ug/l	0.00
Spiked Amount						
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.48	95	161643	41.44	ug/l	0.00
Spiked Amount						
			Recovery	=	82.88%	

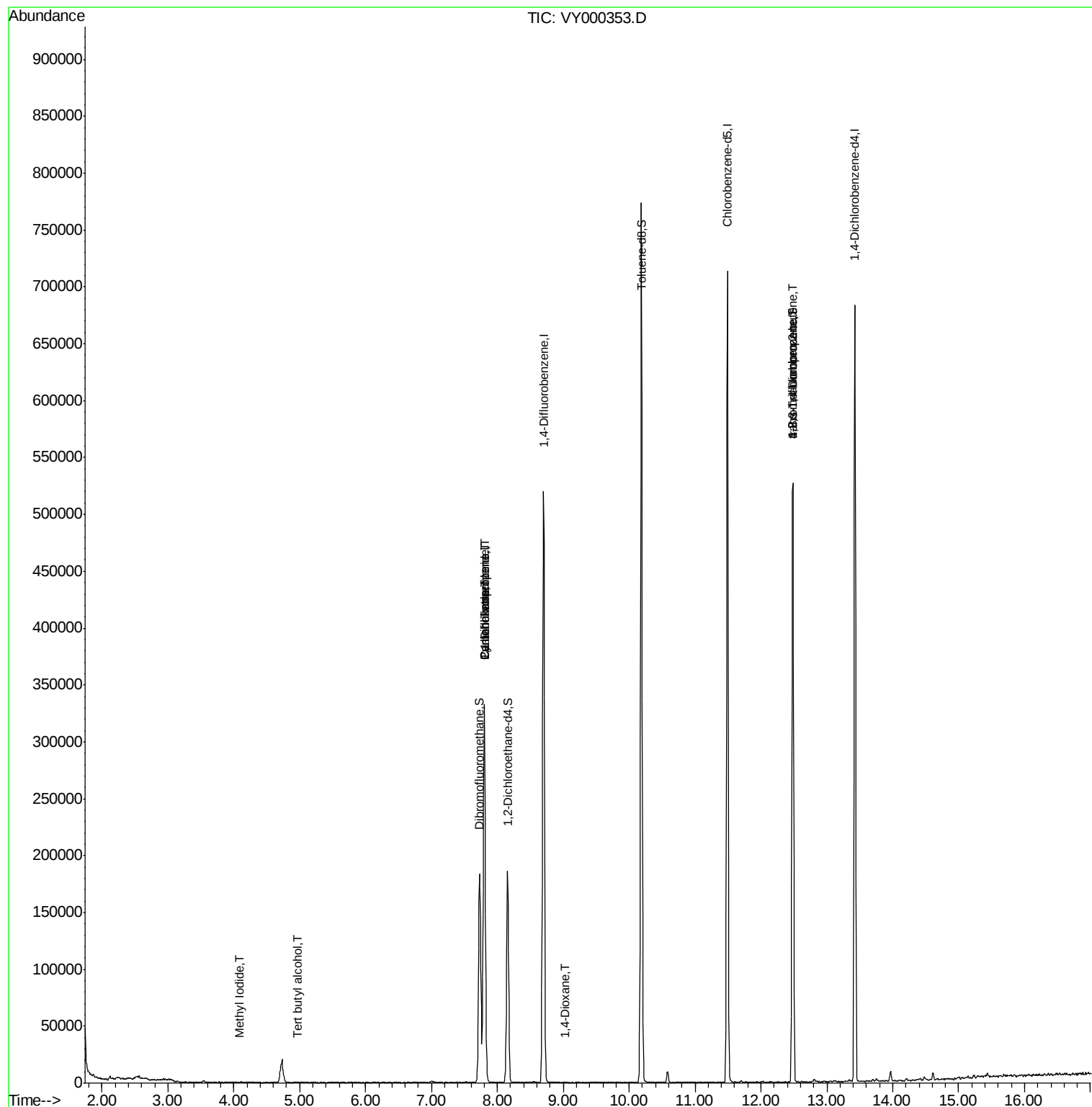
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.08	142	59	1.201	ug/l #	41
11) Tert butyl alcohol	4.97	59	446	1.553	ug/l #	73
20) Methylene Chloride	4.72	84	13520	Below Cal		94
31) Cyclohexane	7.80	56	5654	1.077	ug/l #	34
36) 1,1-Dichloropropene	7.80	75	19365	4.470	ug/l #	49
38) Carbon Tetrachloride	7.80	117	25044	5.970	ug/l #	18
49) 1,4-Dioxane	9.03	88	26	1.010	ug/l #	24
76) 1,2,3-Trichloropropane	12.49	75	85449	42.013	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	85449	91.924	ug/l #	14

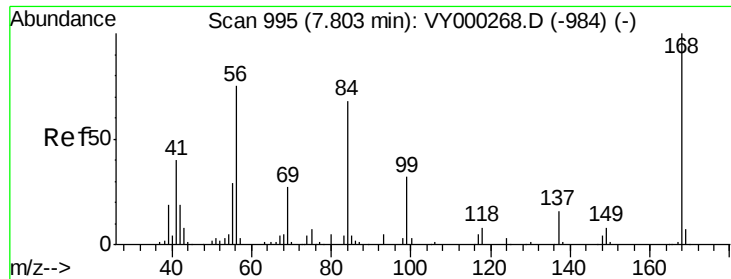
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 19 00:54:45 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: VY000353.D

Acq: 18 Oct 2019 15:54

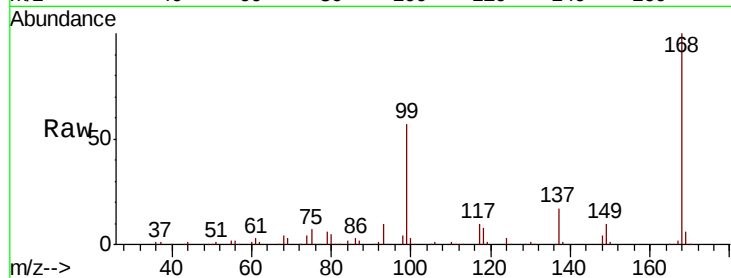
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 260168

Ion Ratio Lower Upper

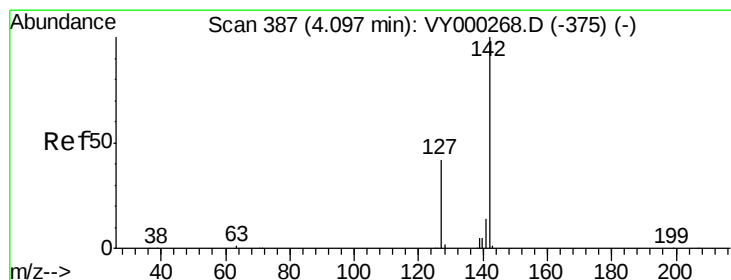
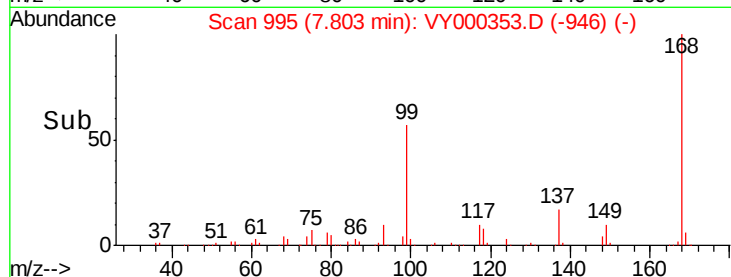
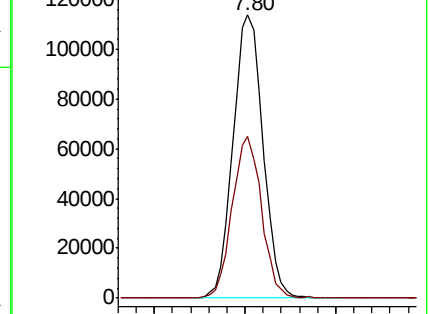
168 100

99 57.3 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: 1.201 ug/l

RT: 4.08 min Scan# 385

Delta R.T. -0.01 min

Lab File: VY000353.D

Acq: 18 Oct 2019 15:54

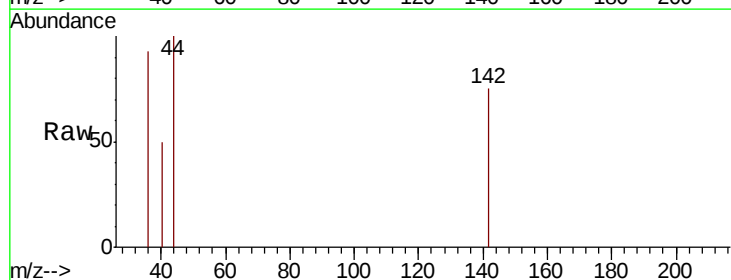
Tgt Ion:142 Resp: 59

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

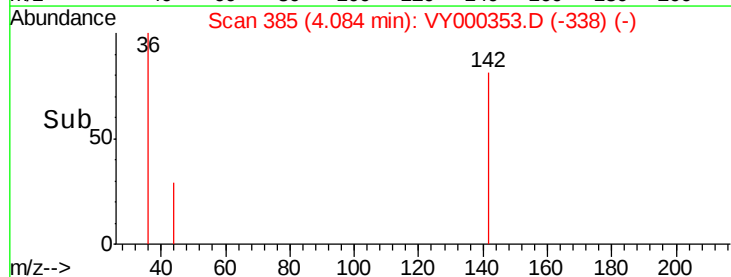
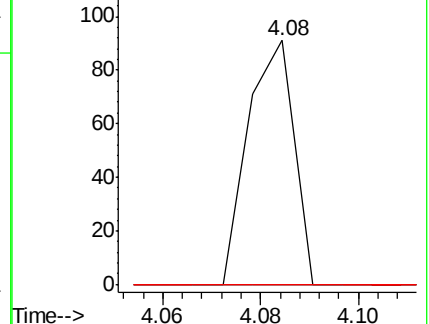
141 0.0 11.2 16.8#

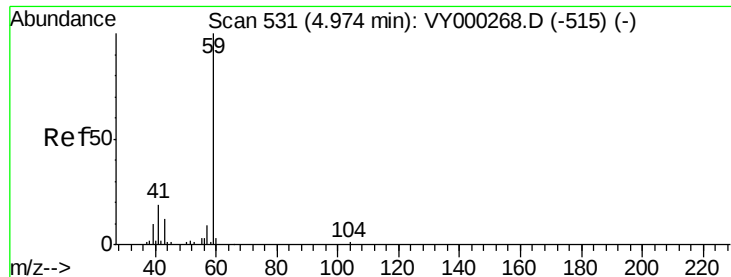


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



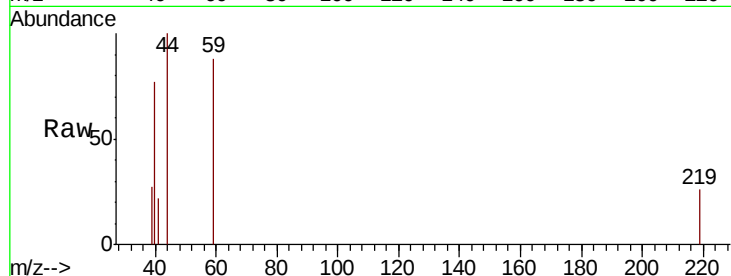


#11

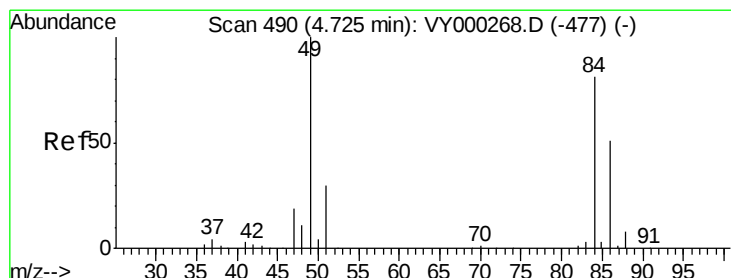
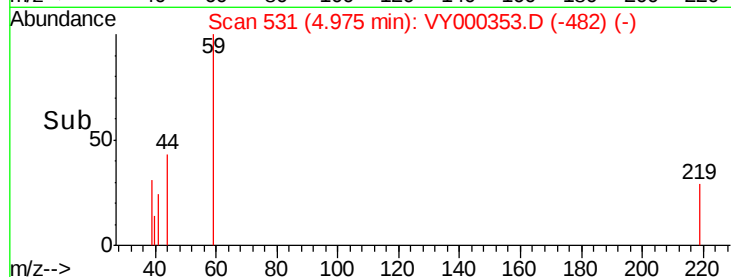
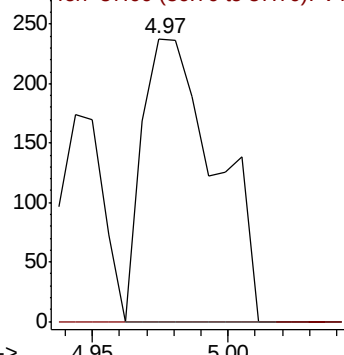
Tert butyl alcohol
Concen: 1.553 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 59 Resp: 446
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



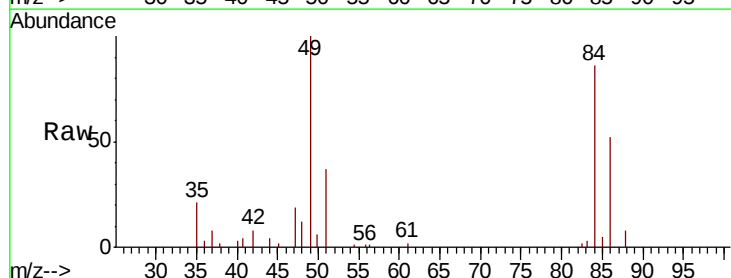
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



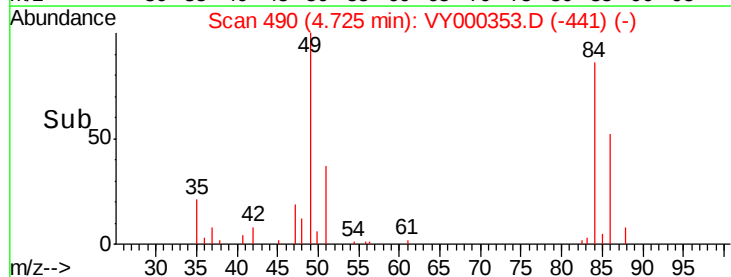
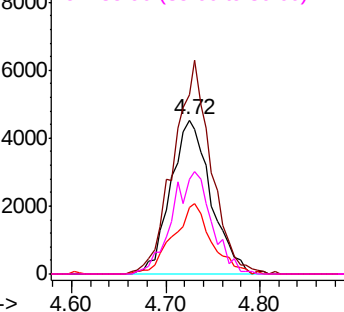
#20

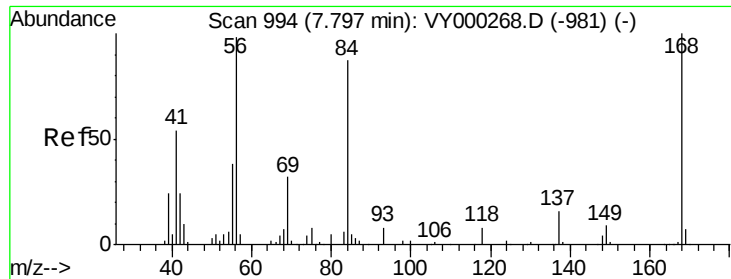
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Tgt Ion: 84 Resp: 13520
Ion Ratio Lower Upper
84 100
49 116.3 99.0 148.4
51 43.0 29.3 43.9
86 61.0 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

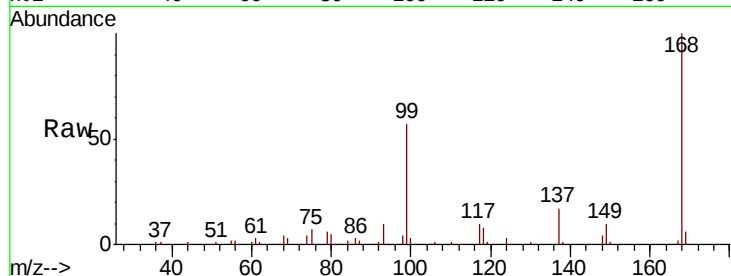




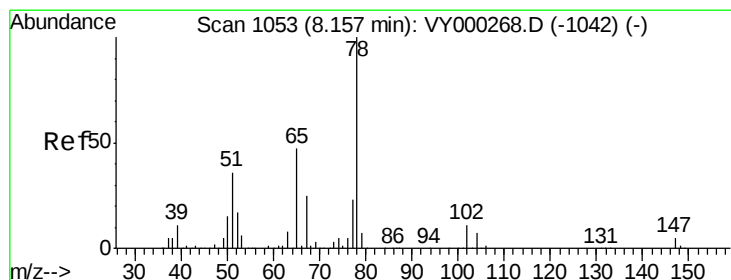
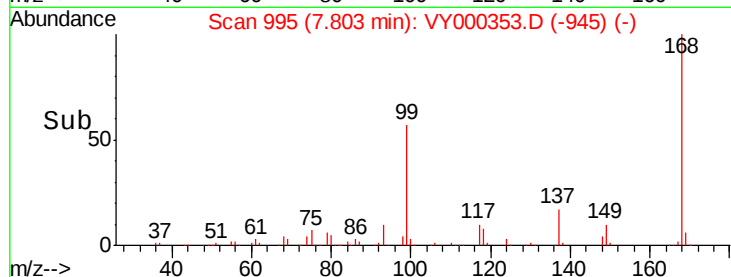
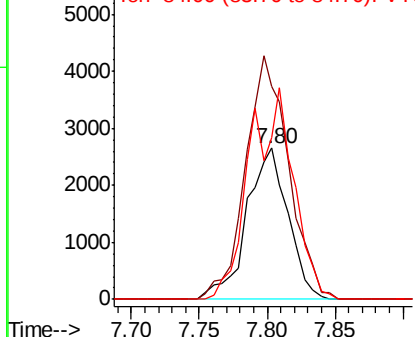
#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5654
Ion Ratio Lower Upper
56 100
69 140.5 26.3 39.5#
84 106.8 70.8 106.2#

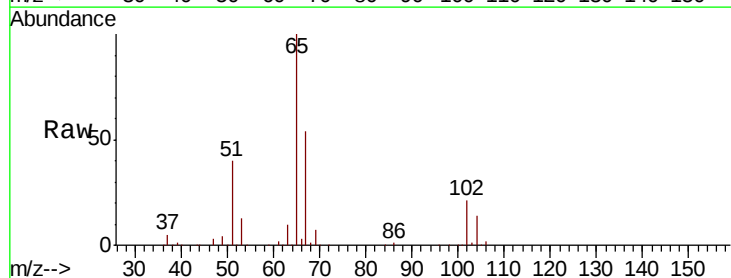


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

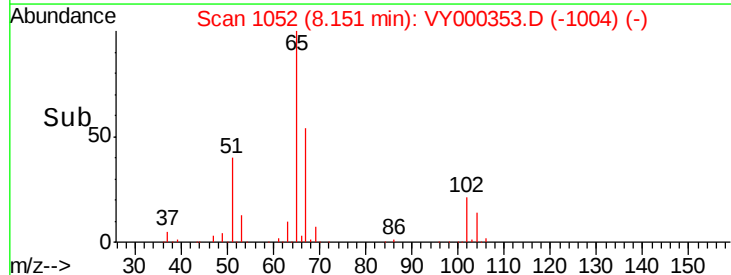
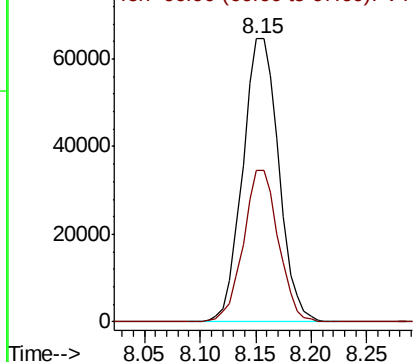


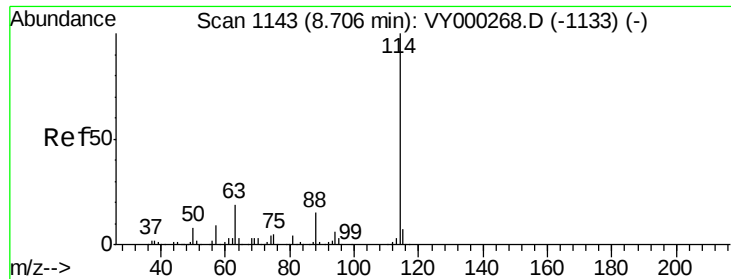
#33
1,2-Dichloroethane-d4
Concen: 53.057 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Tgt Ion: 65 Resp: 145609
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

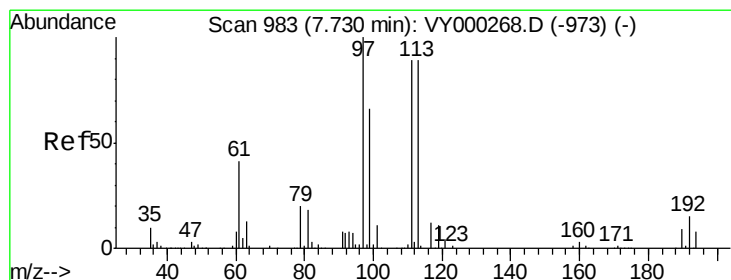
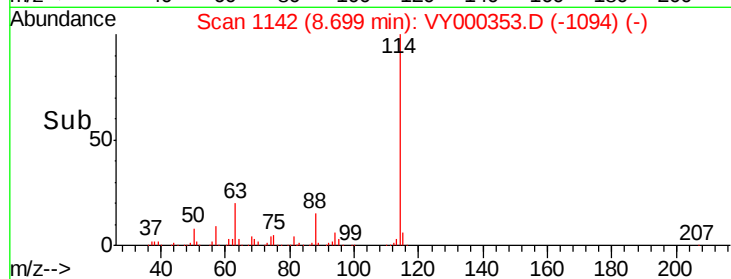
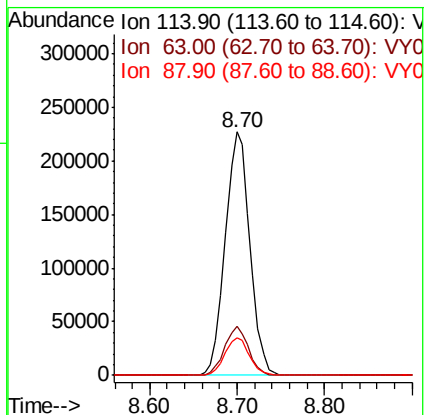
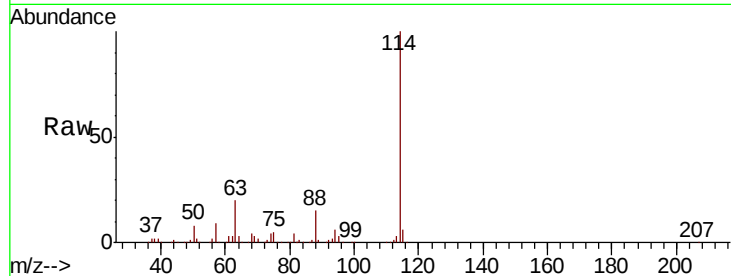




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

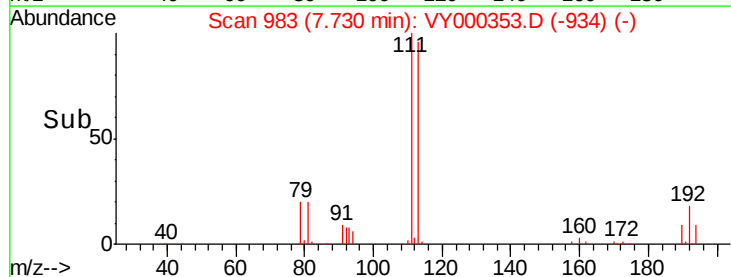
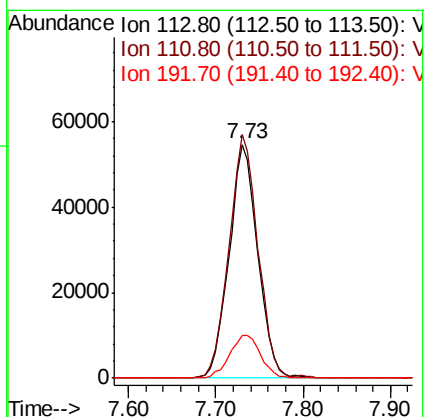
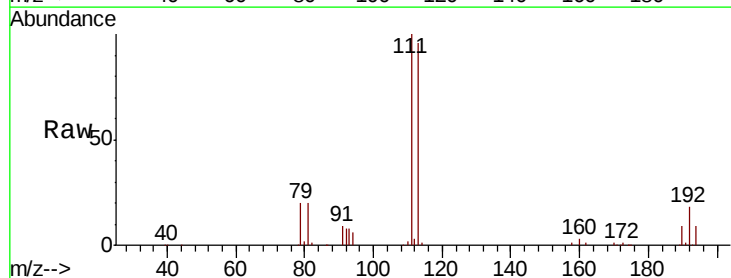
Instrument :
 MSVOA_Y
 ClientSampleId :

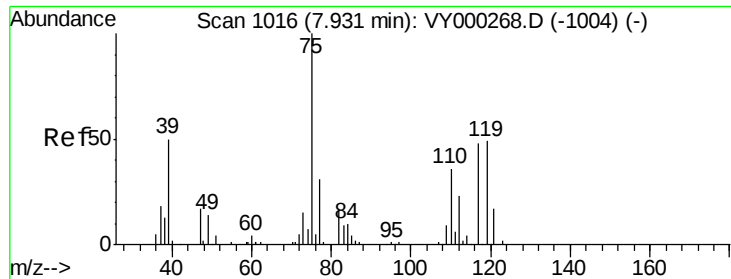
Tot Ion:114 Resp: 442534
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.2
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 46.522 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

Tgt Ion:113 Resp: 124187
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.6 122.4
 192 19.7 15.3 22.9

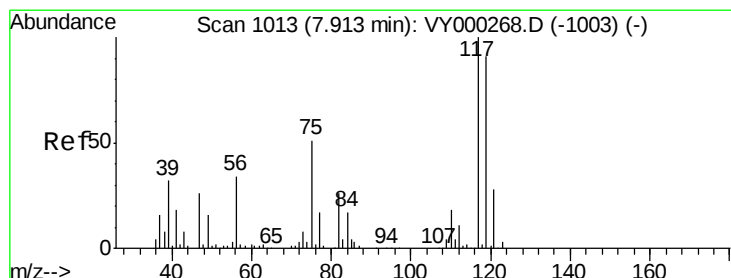
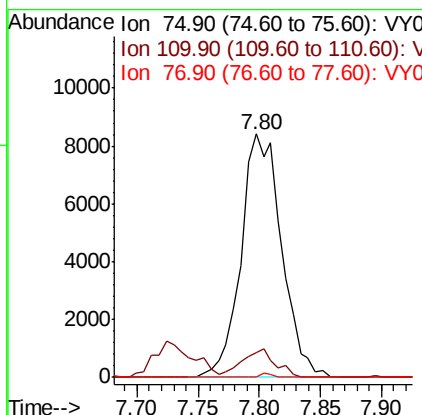
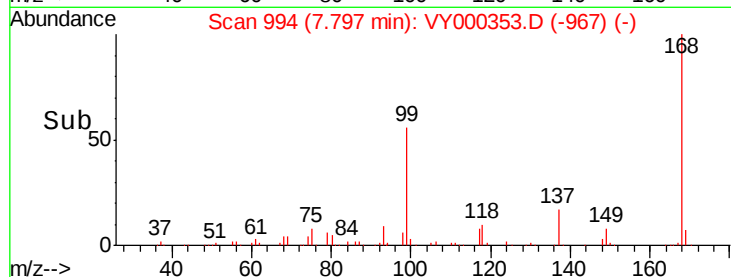
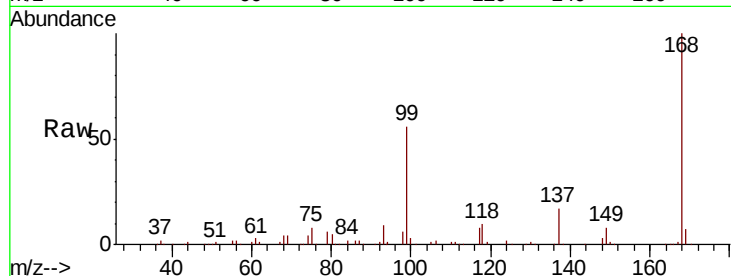




#36
 1,1-Dichloropropene
 Concen: 4.470 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

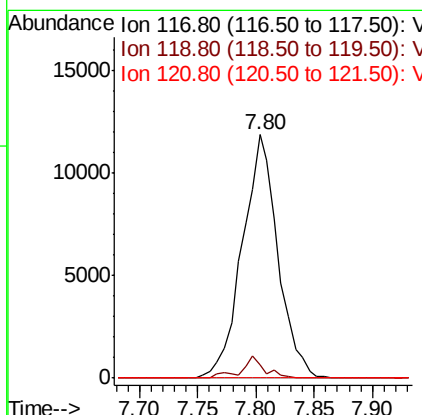
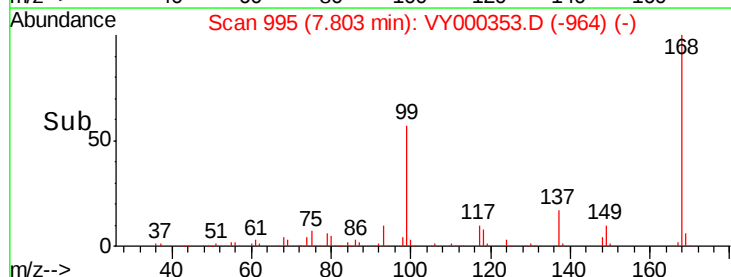
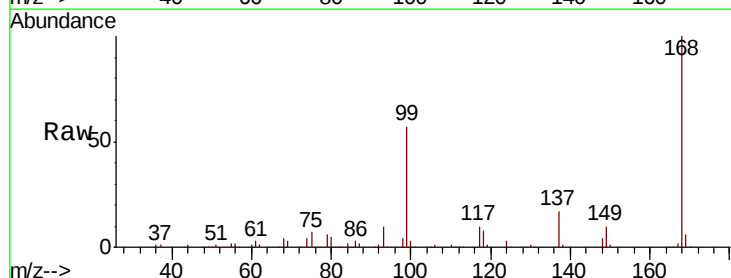
Instrument :
 MSVOA_Y
 ClientSampled :

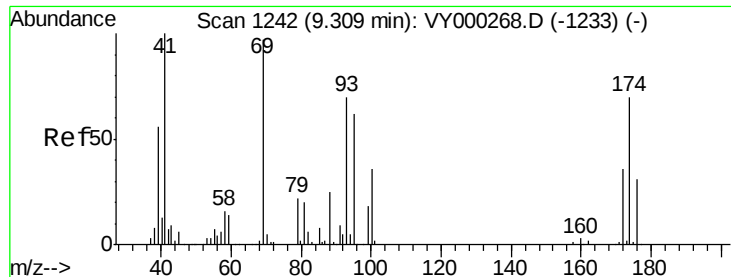
Tot Ion: 75 Resp: 19365
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.4 55.4#
 77 0.4 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.970 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

Tgt Ion: 117 Resp: 25044
 Ion Ratio Lower Upper
 117 100
 119 5.3 72.8 109.2#
 121 0.0 22.2 33.2#

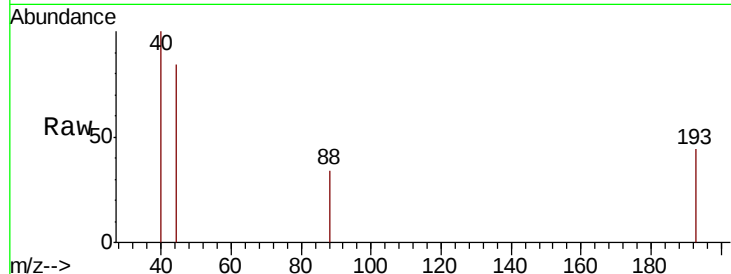




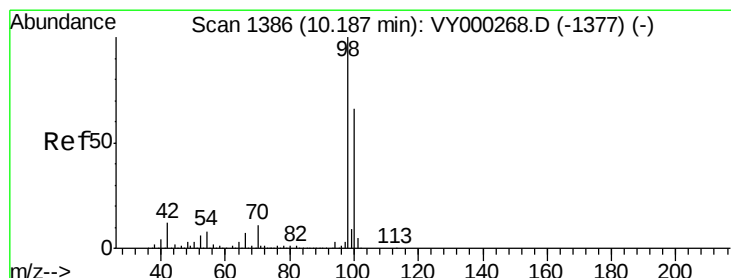
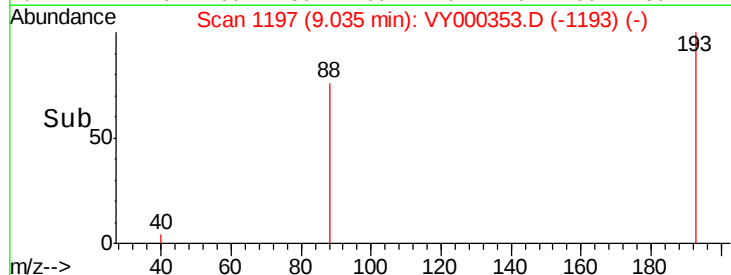
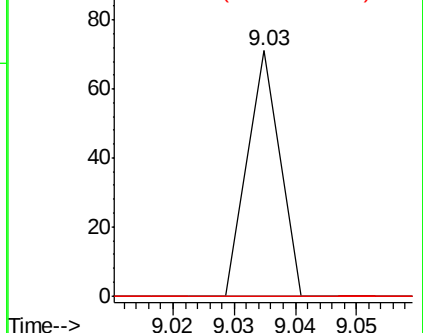
#49
1,4-Dioxane
Concen: 1.010 ug/l
RT: 9.03 min Scan# 1197
Delta R.T. -0.27 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 0.0 54.6 81.8#

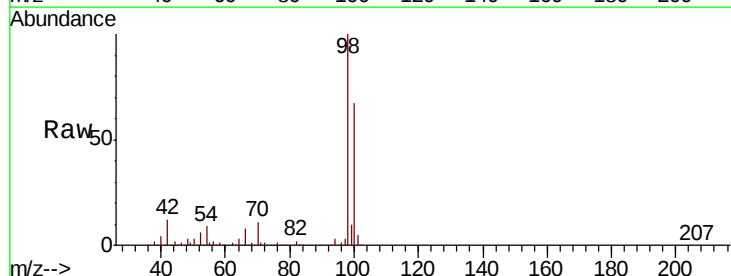


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

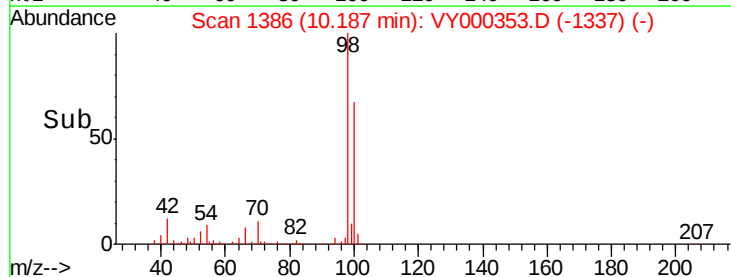
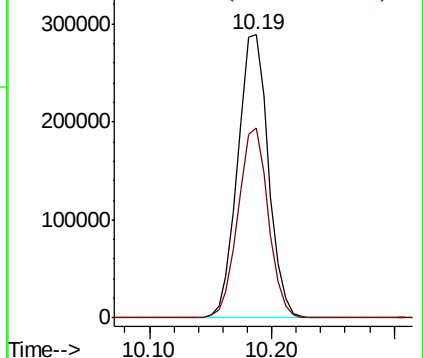


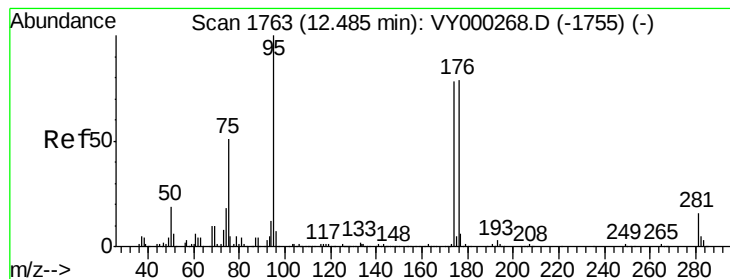
#50
Toluene-d8
Concen: 48.928 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Tgt Ion: 98 Resp: 502415
Ion Ratio Lower Upper
98 100
100 66.2 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: 41.435 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000353.D

Acq: 18 Oct 2019 15:54

Instrument :

MSVOA_Y

ClientSampleId :

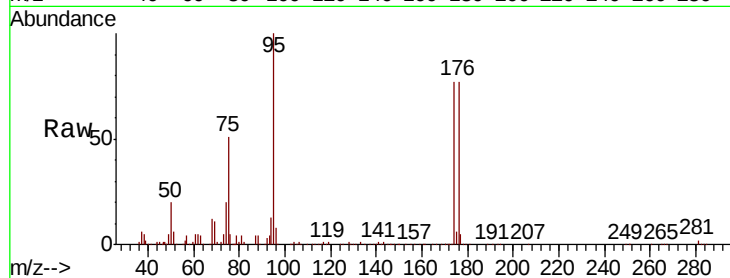
Tot Ion: 95 Resp: 161643

Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.6

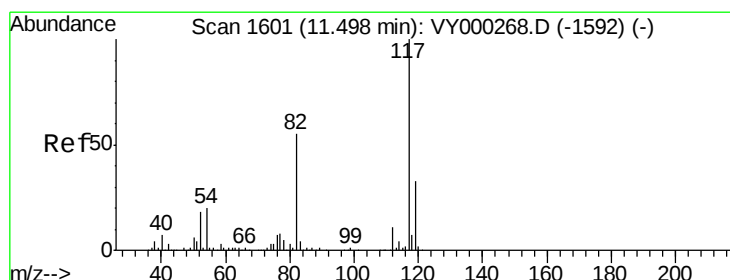
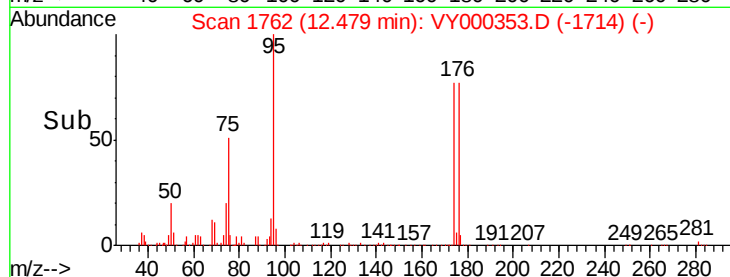
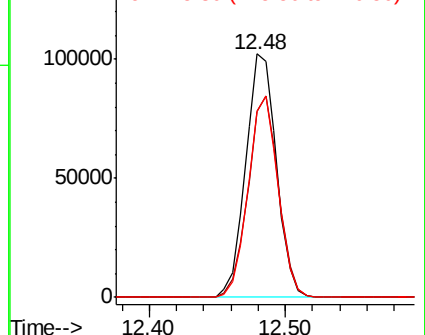
176 80.7 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000353.D

Acq: 18 Oct 2019 15:54

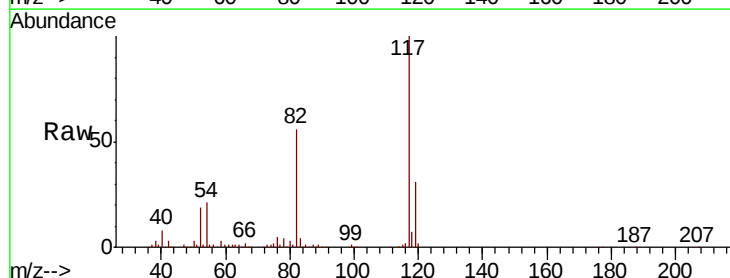
Tgt Ion: 117 Resp: 376274

Ion Ratio Lower Upper

117 100

82 55.6 43.7 65.5

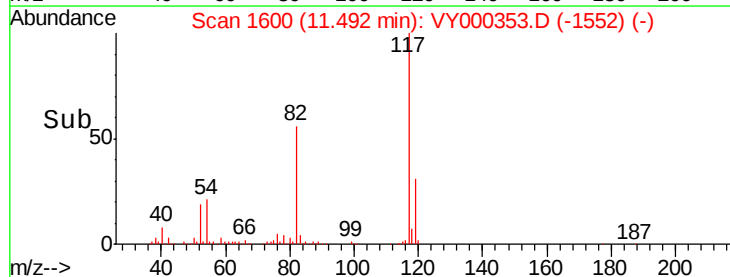
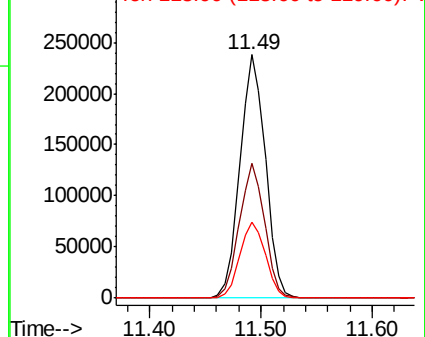
119 31.4 26.6 39.8

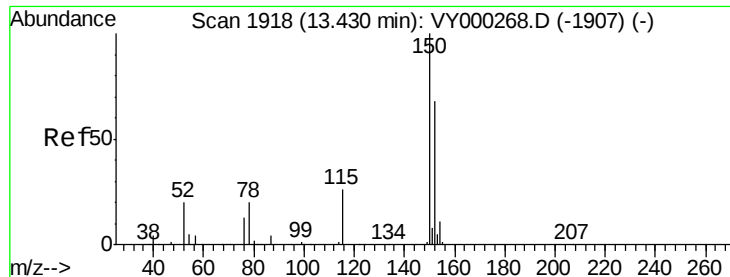


Abundance Ion 116.90 (116.60 to 117.60): VY000268.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY000268.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY000268.D (-1592) (-)



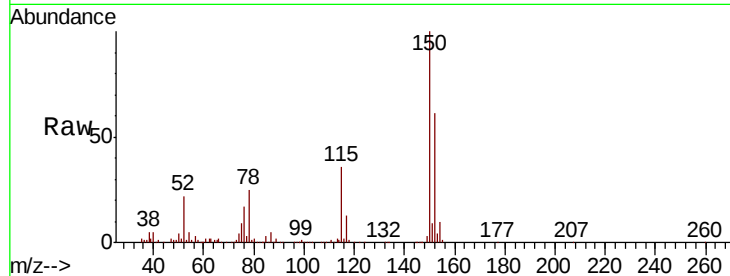


#72

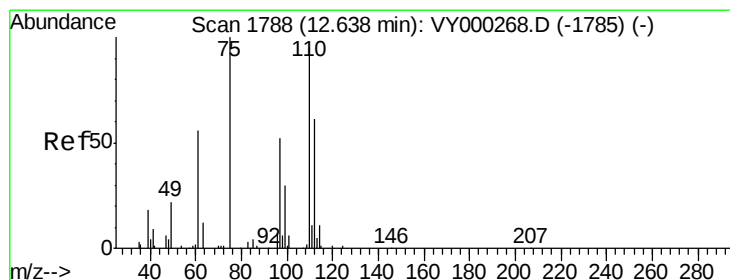
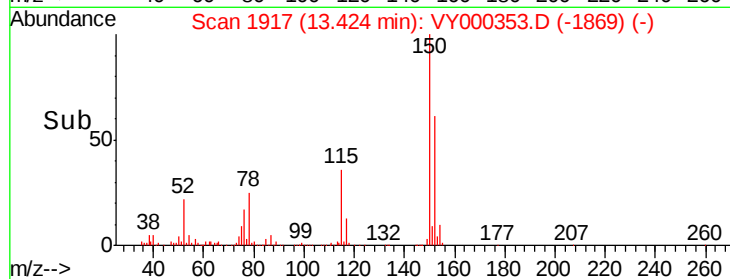
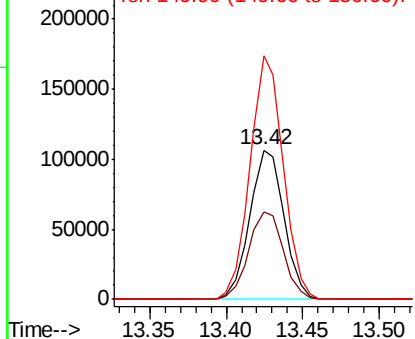
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	158.8	0.0	348.4



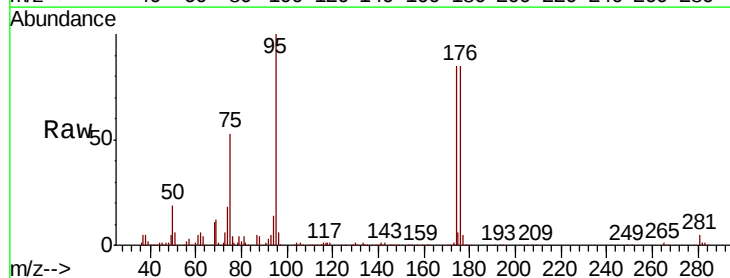
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



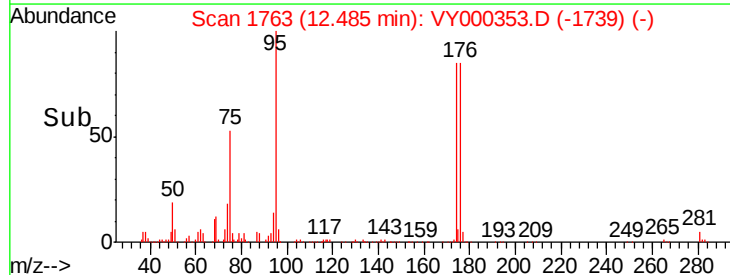
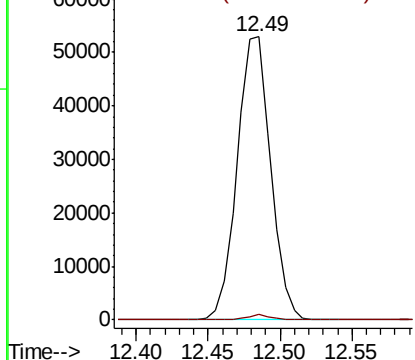
#76

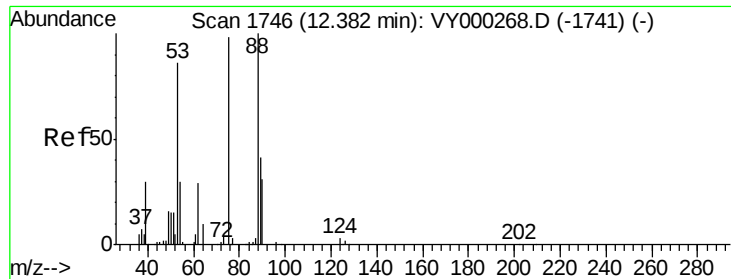
1,2,3-Trichloropropane
Concen: 42.013 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY000353.D
Acq: 18 Oct 2019 15:54

Tgt 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

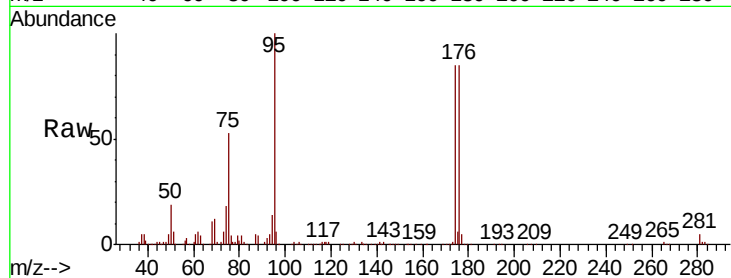




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.924 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY000353.D
 Acq: 18 Oct 2019 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 85449
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.3 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

