

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000523.D
 Acq On : 01 Nov 2019 14:02
 Operator : SY/MD
 Sample : K5658-06
 Misc : 4.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

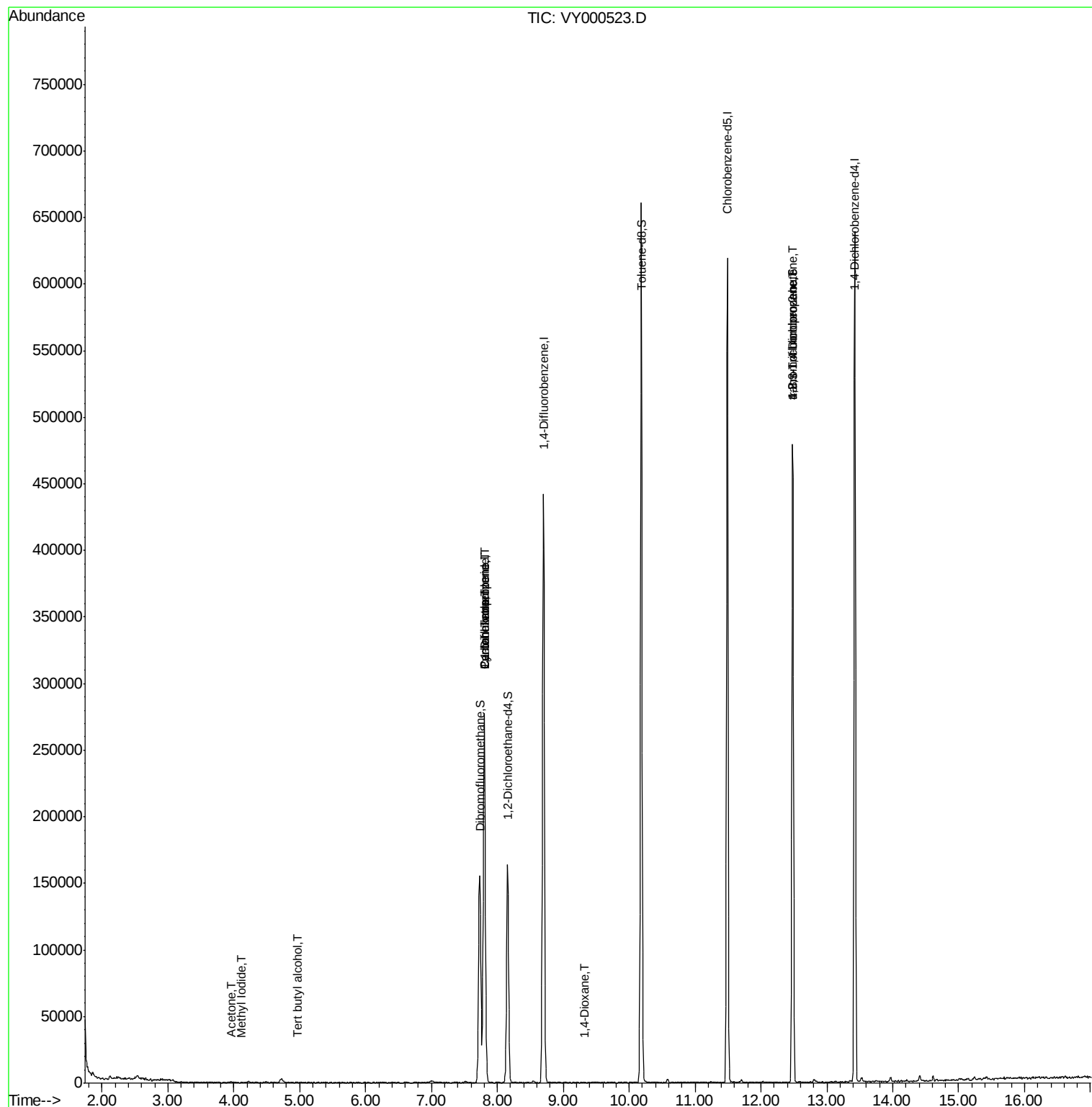
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	210375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	368687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	323413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127152	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.80%	
35) Dibromofluoromethane	7.73	113	109122	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.18	98	424548	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.48	95	142627	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	115	3.237	ug/l #	41
11) Tert butyl alcohol	4.97	59	243	1.147	ug/l #	93
16) Acetone	3.96	43	928	1.547	ug/l	96
31) Cyclohexane	7.80	56	5035	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16661	4.780	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20937	6.243	ug/l #	14
49) 1,4-Dioxane	9.32	88	23	1.236	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	78219	45.187	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	78219	101.314	ug/l #	13

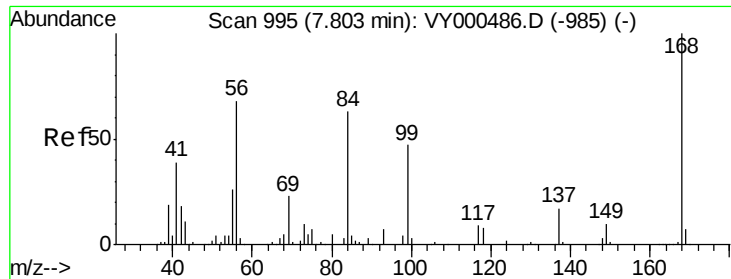
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
Data File : VY000523.D
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ClientSampleId :

Quant Time: Nov 01 23:33:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 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: VY000523.D

Acq: 01 Nov 2019 14:02

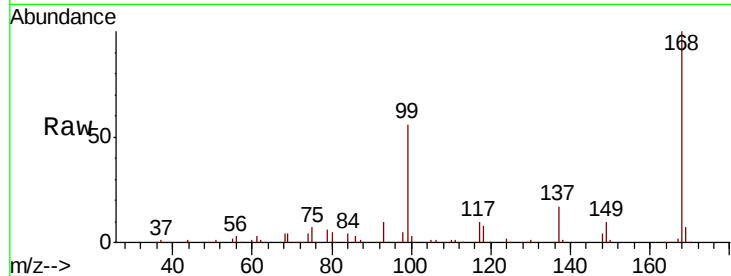
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 210375

Ion Ratio Lower Upper

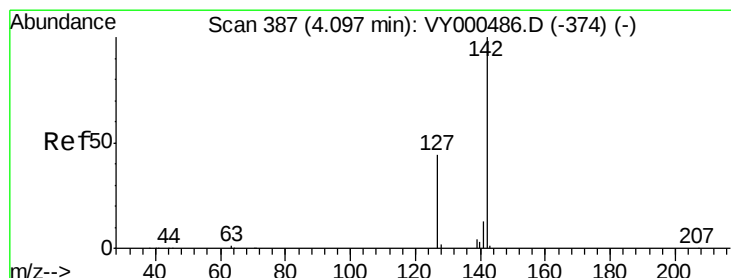
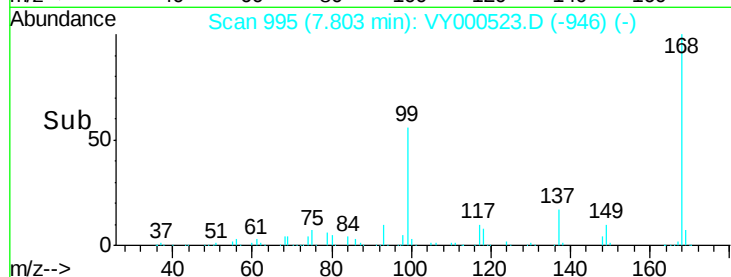
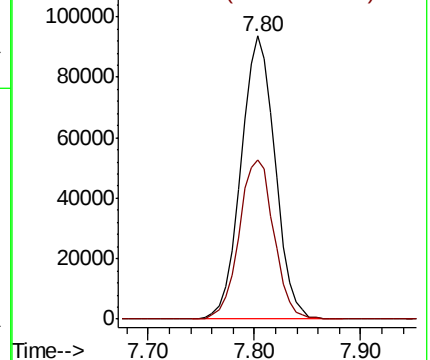
168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.237 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000523.D

Acq: 01 Nov 2019 14:02

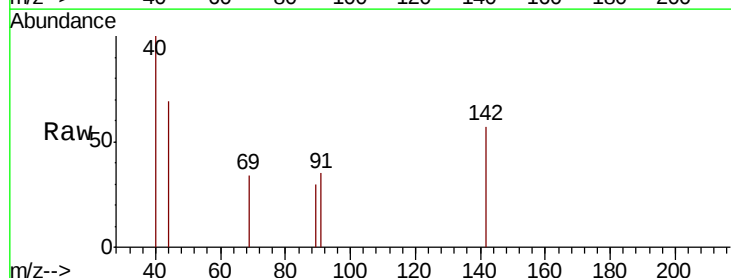
Tgt Ion:142 Resp: 115

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

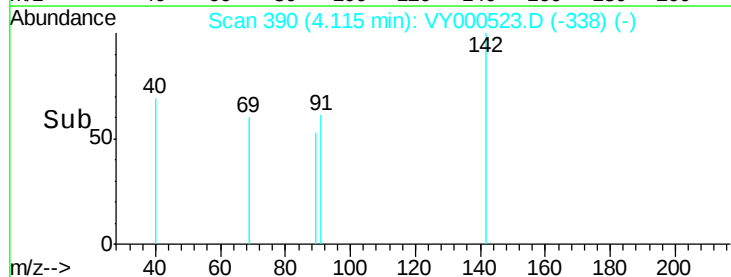
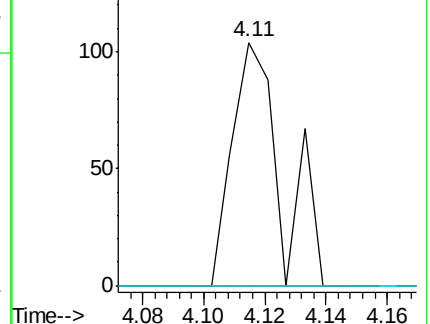
141 0.0 10.9 16.3#



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



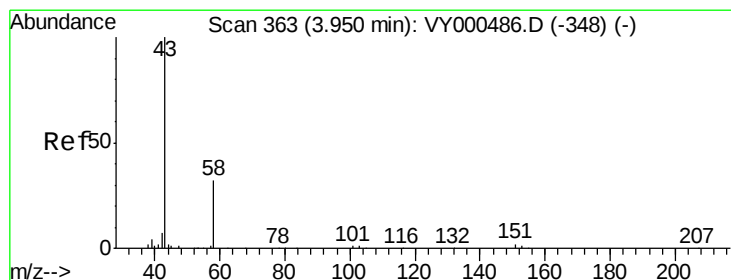
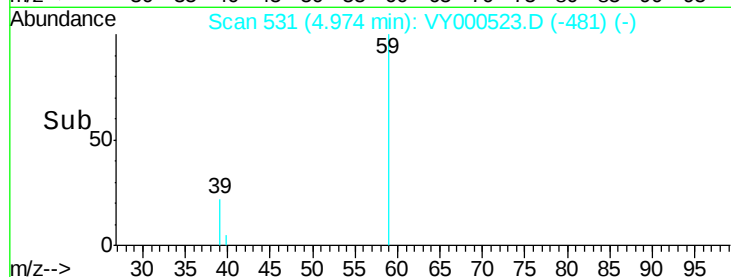
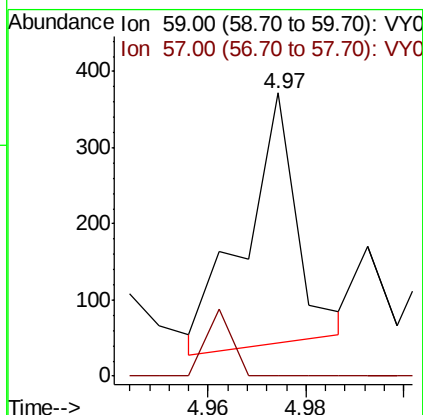
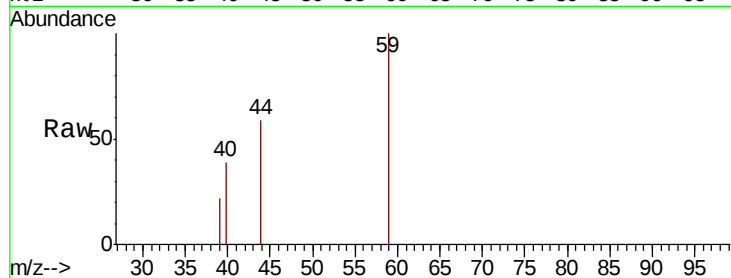


#11

Tert butyl alcohol
 Concen: 1.147 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000523.D
 Acq: 01 Nov 2019 14:02

Instrument :
 MSVOA_Y
 ClientSampled :

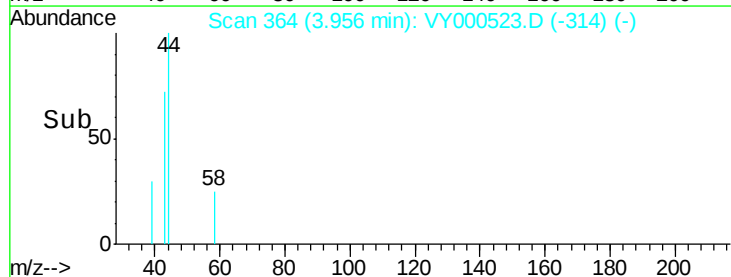
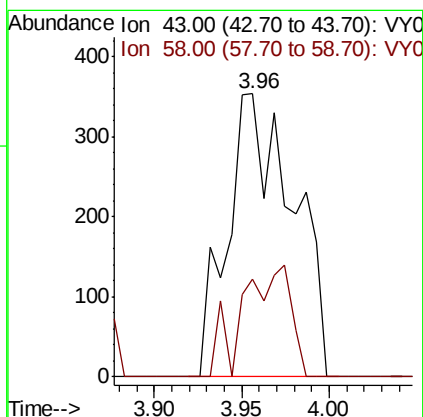
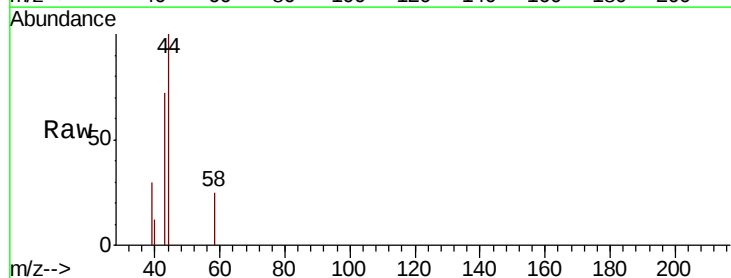
Tot Ion: 59 Resp: 243
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.6 12.8#

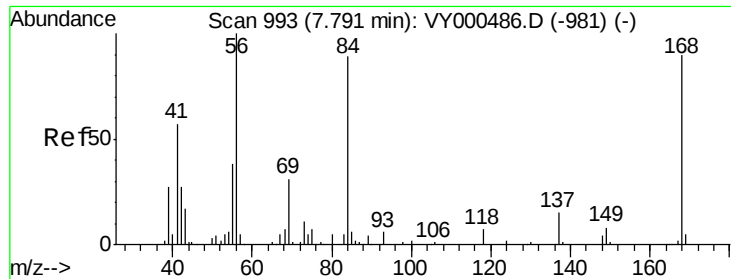


#16

Acetone
 Concen: 1.547 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY000523.D
 Acq: 01 Nov 2019 14:02

Tgt Ion: 43 Resp: 928
 Ion Ratio Lower Upper
 43 100
 58 34.6 25.8 38.6

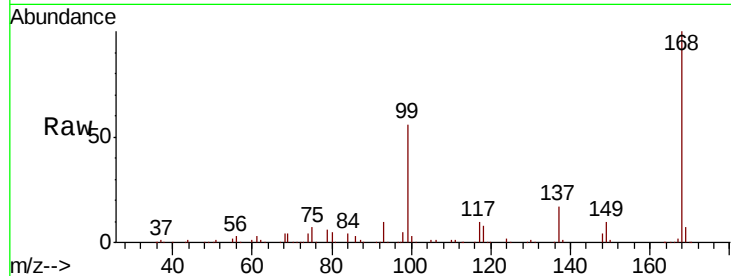




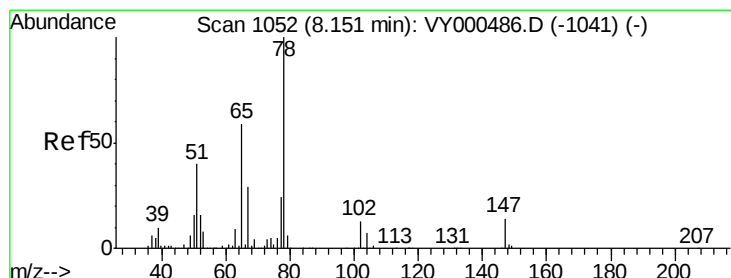
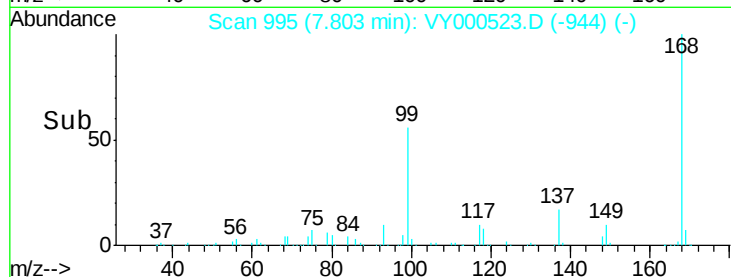
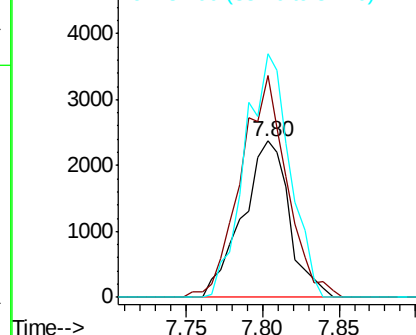
#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000523.D
Acq: 01 Nov 2019 14:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 5035
Ion Ratio Lower Upper
56 100
69 141.5 25.0 37.6#
84 155.7 71.4 107.2#

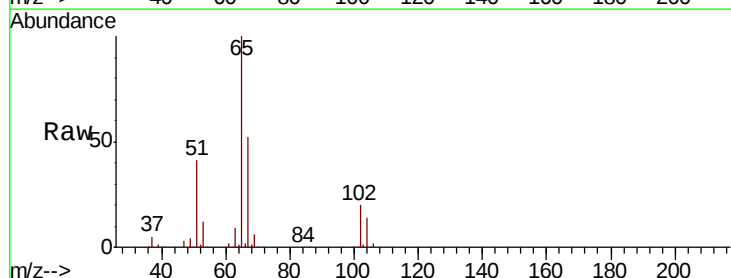


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

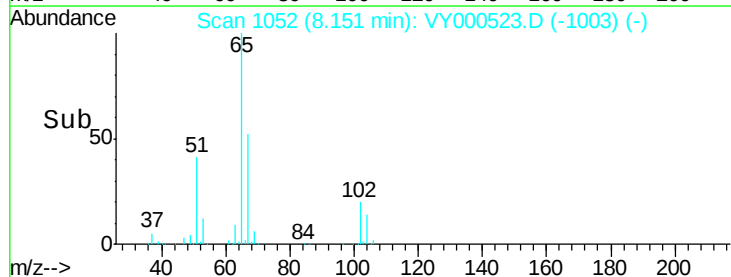
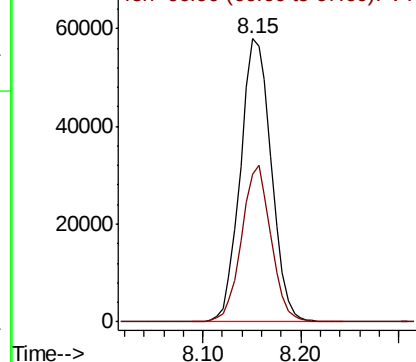


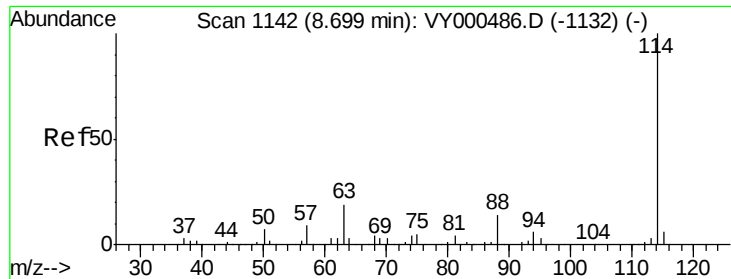
#33
1,2-Dichloroethane-d4
Concen: 58.404 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000523.D
Acq: 01 Nov 2019 14:02

Tgt Ion: 65 Resp: 127152
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2



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. -0.00 min

Lab File: VY000523.D

Acq: 01 Nov 2019 14:02

Instrument :
MSVOA_Y
ClientSampleId :

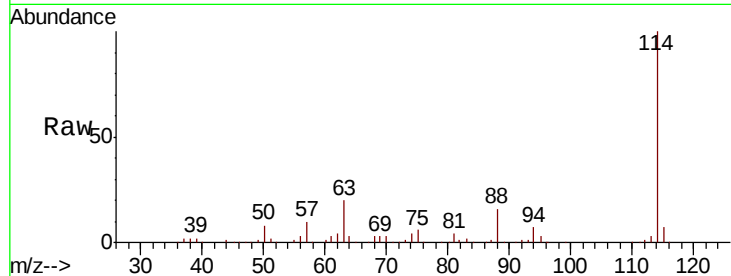
Tot Ion:114 Resp: 368687

Ion Ratio Lower Upper

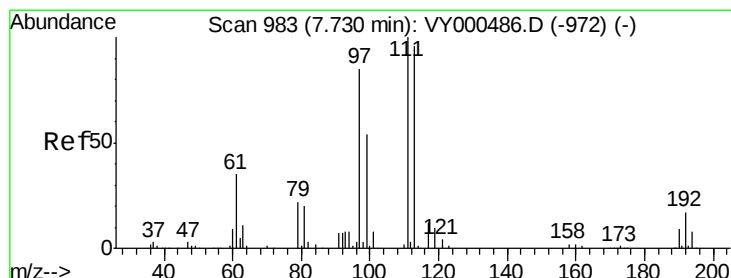
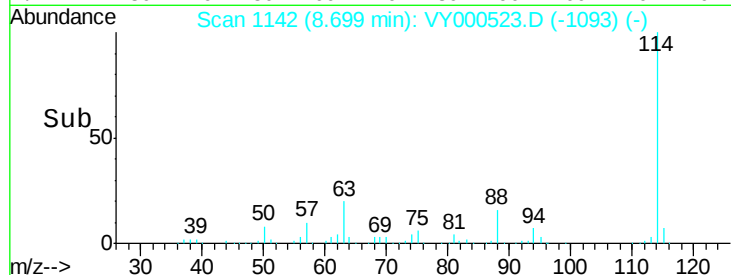
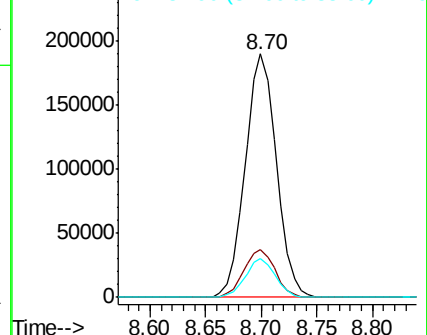
114 100

63 19.5 0.0 38.0

88 15.7 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.416 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000523.D

Acq: 01 Nov 2019 14:02

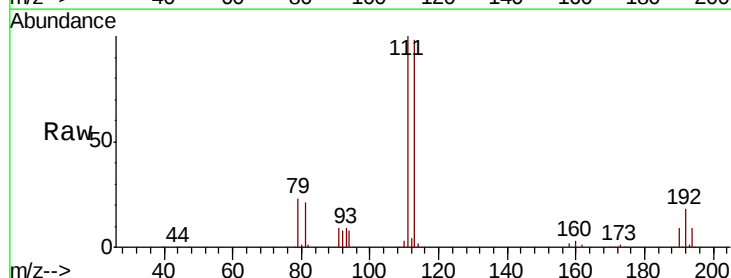
Tgt Ion:113 Resp: 109122

Ion Ratio Lower Upper

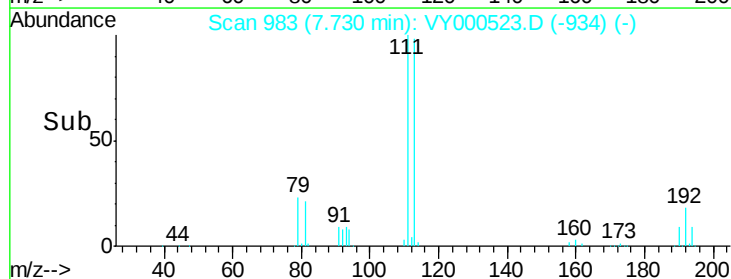
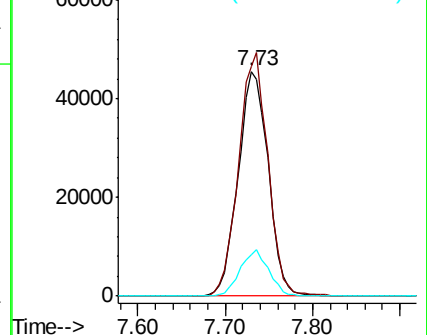
113 100

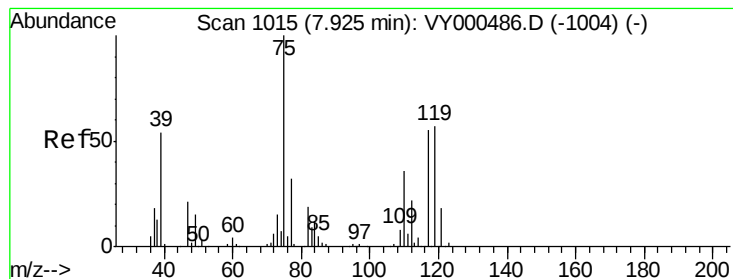
111 105.2 81.7 122.5

192 19.5 15.0 22.4



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: 4.780 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000523.D

Acq: 01 Nov 2019 14:02

Instrument :

MSVOA_Y

ClientSampleId :

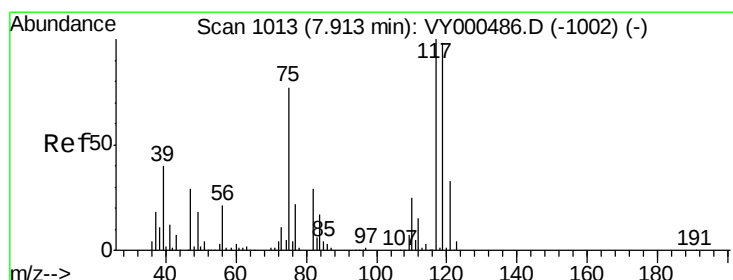
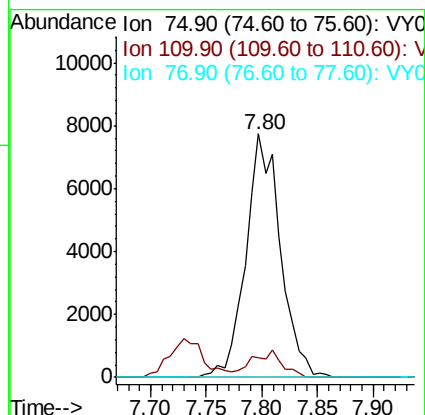
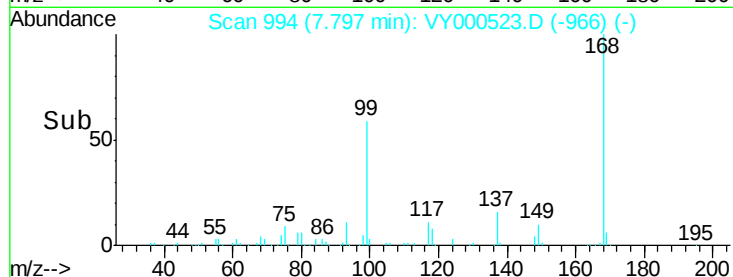
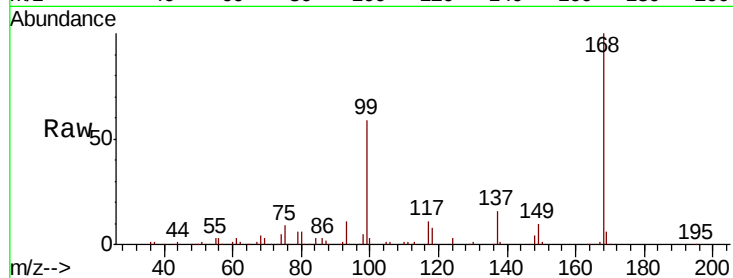
Tot Ion: 75 Resp: 16661

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 6.243 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000523.D

Acq: 01 Nov 2019 14:02

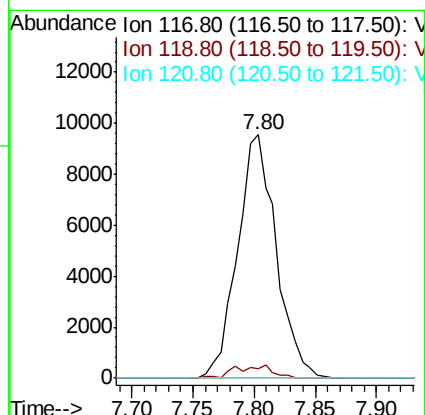
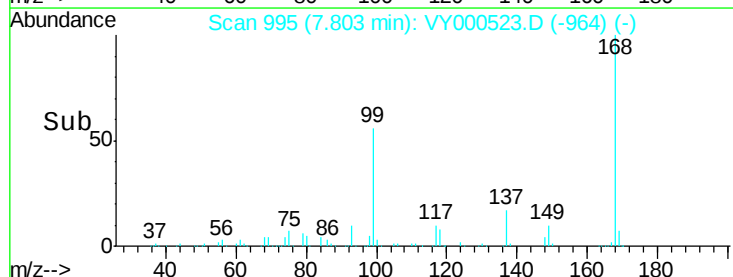
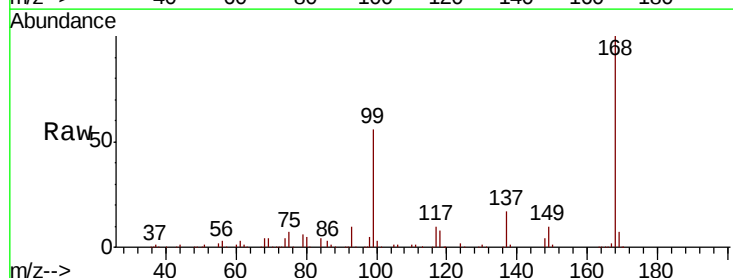
Tgt Ion: 117 Resp: 20937

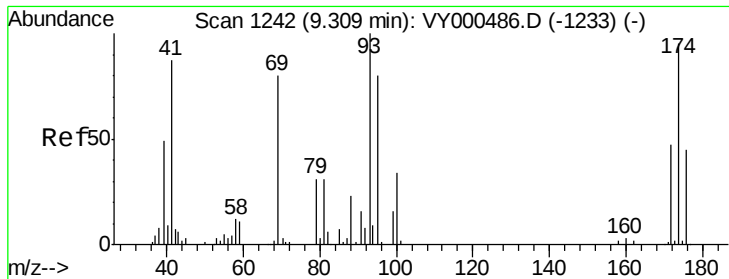
Ion Ratio Lower Upper

117 100

119 3.6 78.0 117.0#

121 0.0 26.6 40.0#

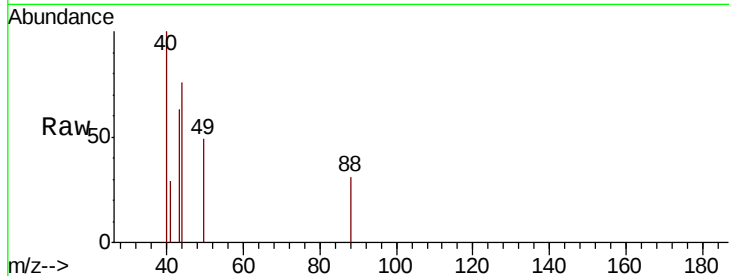




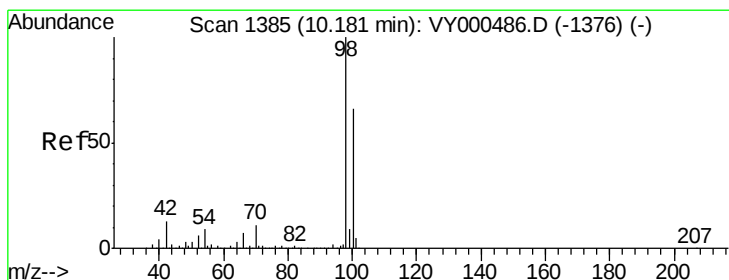
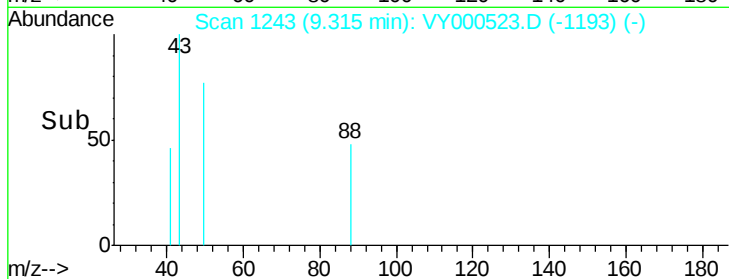
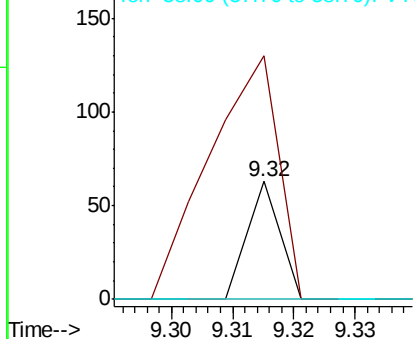
#49
 1,4-Dioxane
 Concen: 1.236 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000523.D
 Acq: 01 Nov 2019 14:02

Instrument :
 MSVOA_Y
 ClientSampleID :

Tot Ion: 88 Resp: 23
 Ion Ratio Lower Upper
 88 100
 43 443.5 25.1 37.7#
 58 0.0 50.6 75.8#

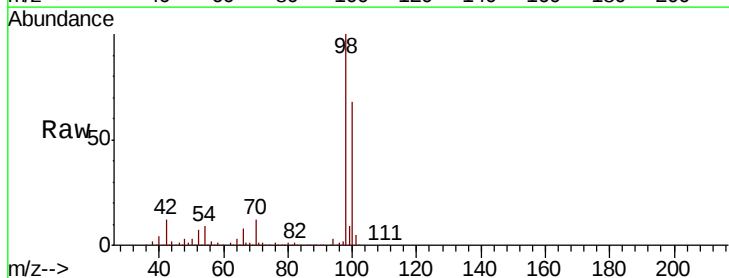


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

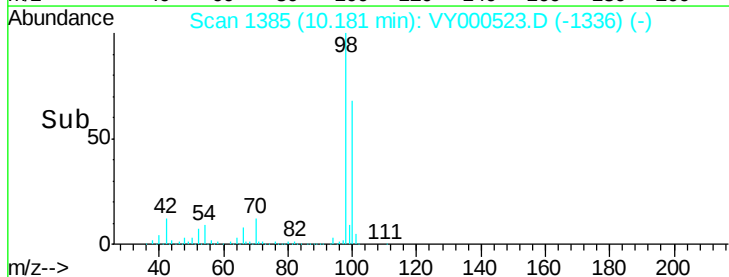
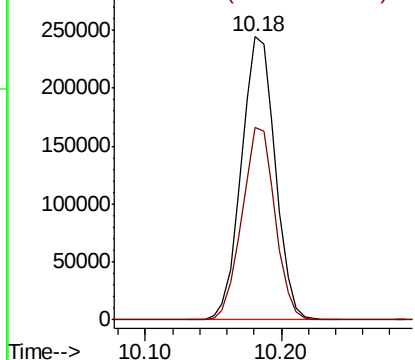


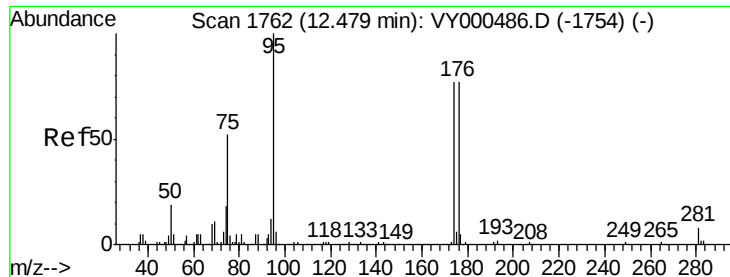
#50
 Toluene-d8
 Concen: 51.693 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000523.D
 Acq: 01 Nov 2019 14:02

Tgt Ion: 98 Resp: 424548
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.9 79.3



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

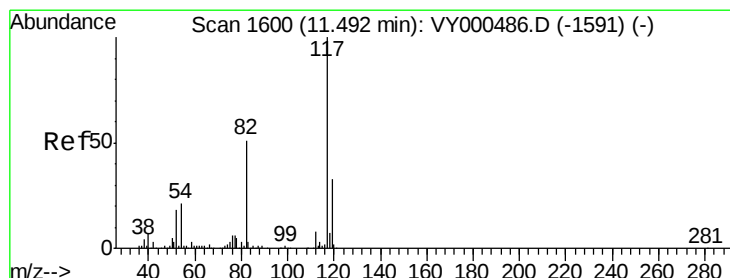
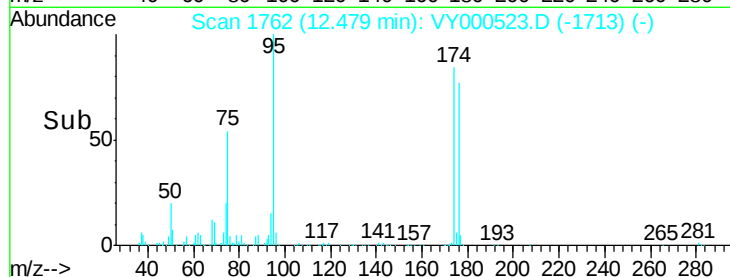
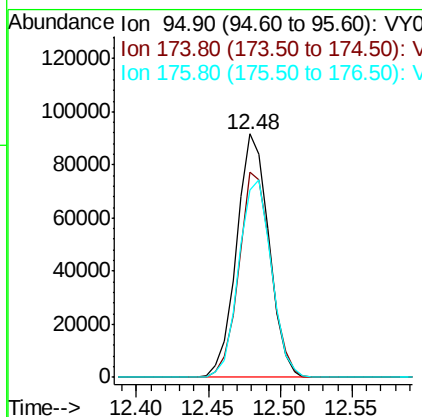
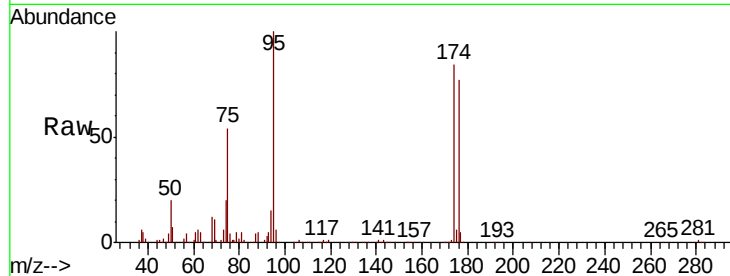




#62
4-Bromofluorobenzene
Concen: 45.617 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000523.D
Acq: 01 Nov 2019 14:02

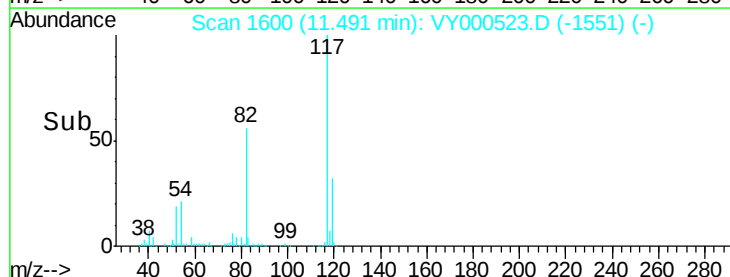
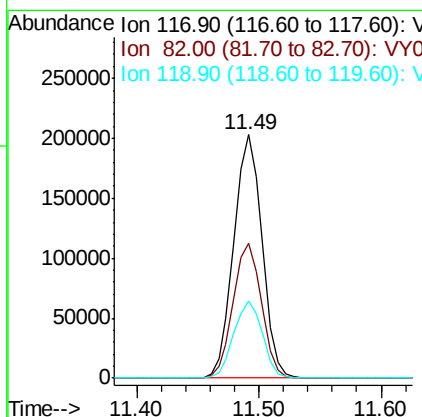
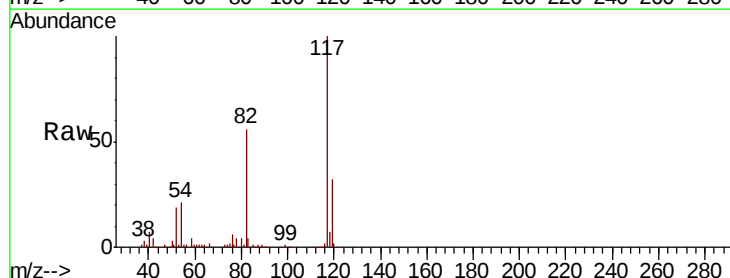
Instrument :
MSVOA_Y
ClientSampleId :

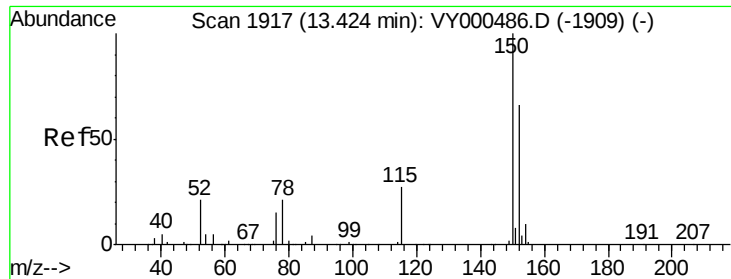
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	161.6
176	81.6	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000523.D
Acq: 01 Nov 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	40.8	61.2
119	31.5	26.2	39.2



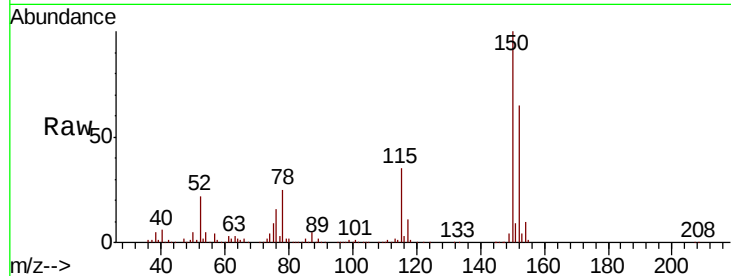


#72

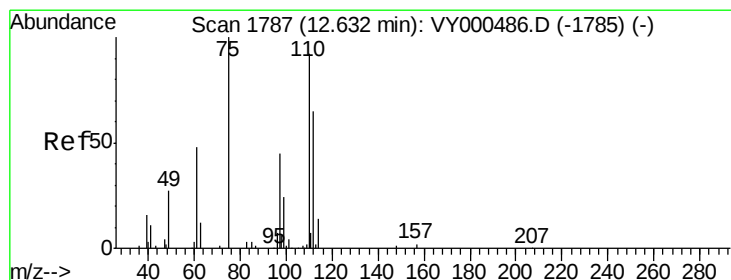
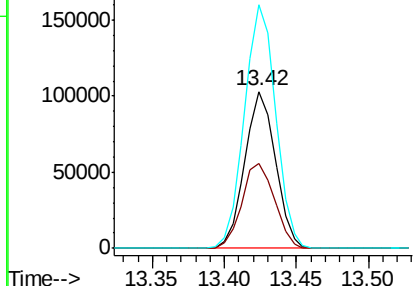
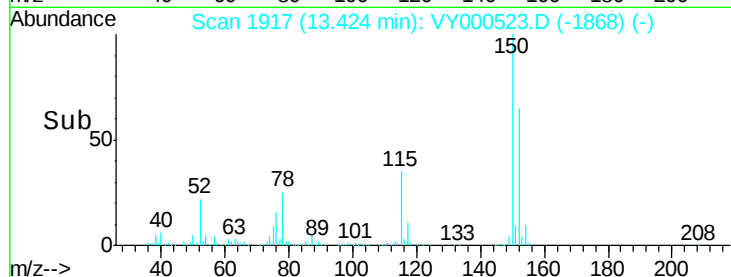
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000523.D
Acq: 01 Nov 2019 14:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 152026
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 157.6 0.0 348.8



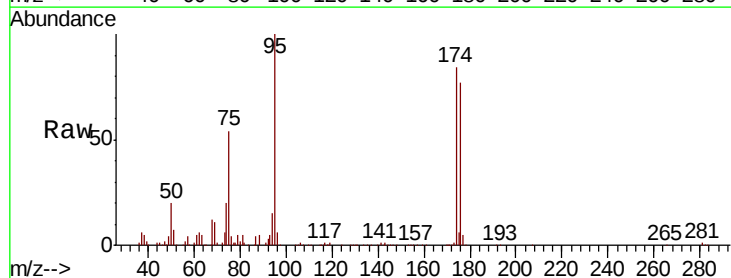
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



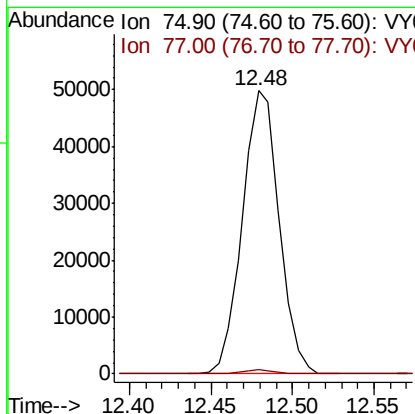
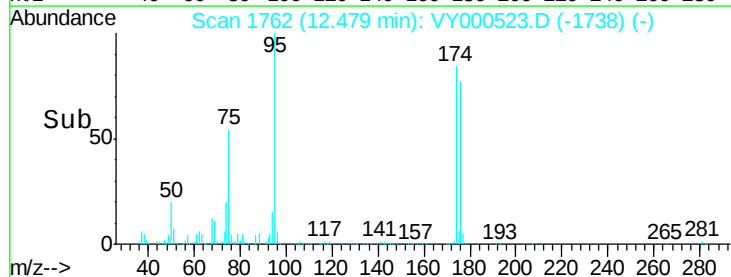
#76

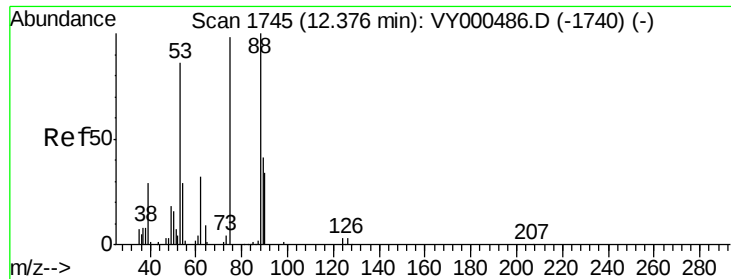
1,2,3-Trichloropropane
Concen: 45.187 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000523.D
Acq: 01 Nov 2019 14:02

Tgt Ion: 75 Resp: 78219
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: 101.314 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000523.D

Acq: 01 Nov 2019 14:02

Instrument :

MSVOA_Y

ClientSampleId :

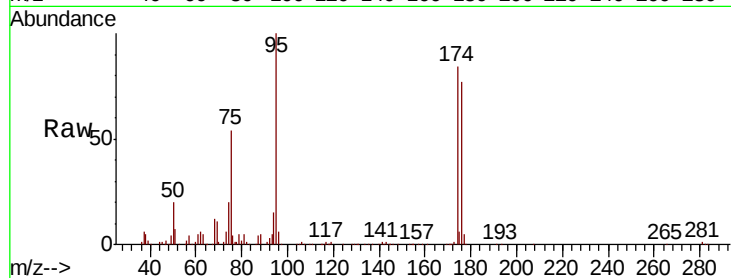
Tot Ion: 75 Resp: 78219

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#



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

