

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000553.D
 Acq On : 06 Nov 2019 15:54
 Operator : SY/MD
 Sample : K5710-10
 Misc : 6.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:57:18 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	193881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	347046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	319729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	151347	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	118249	58.94	ug/l	0.00
Spiked Amount			Recovery	=	117.88%	
35) Dibromofluoromethane	7.72	113	103904	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	10.18	98	409522	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.48	95	140743	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

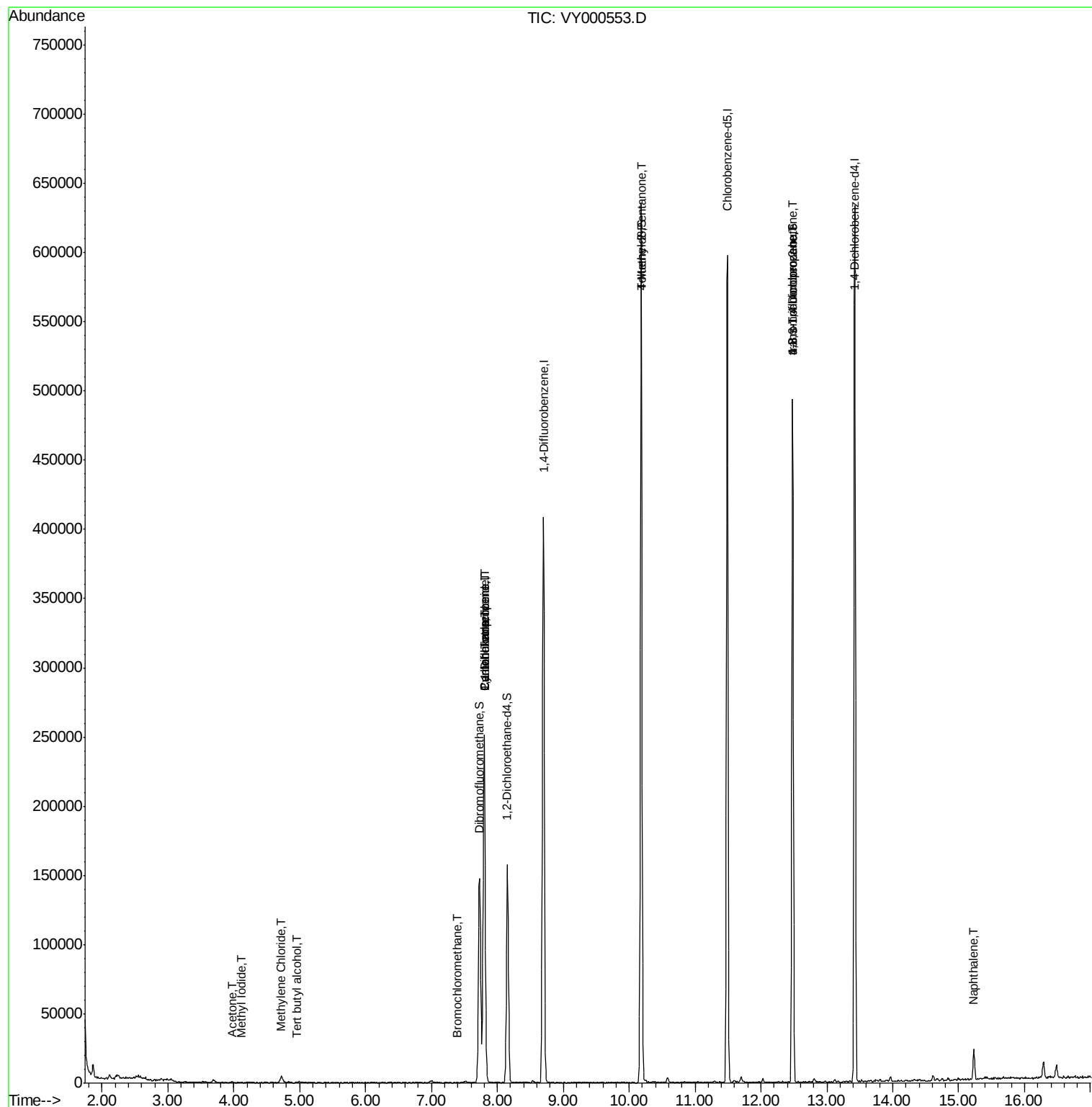
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	81	3.228	ug/l #	41
11) Tert butyl alcohol	4.96	59	227	1.162	ug/l #	72
16) Acetone	3.97	43	825	1.492	ug/l #	72
20) Methylene Chloride	4.72	84	3180	1.342	ug/l #	67
28) Bromochloromethane	7.40	49	23	4.105	ug/l #	14
31) Cyclohexane	7.80	56	4274	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15379	4.688	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19406	6.147	ug/l #	16
51) 4-Methyl-2-Pentanone	10.17	43	2053	1.055	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	76960	44.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	76960	100.131	ug/l #	13
95) Naphthalene	15.23	128	15566	2.284	ug/l	95

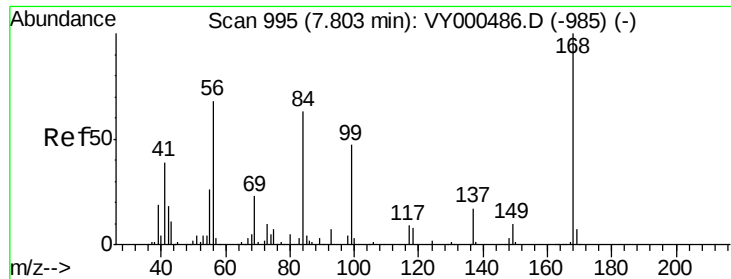
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
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Misc : 6.51G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Nov 07 04:57:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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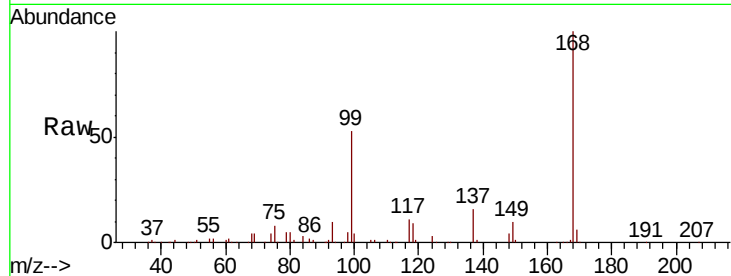


#1

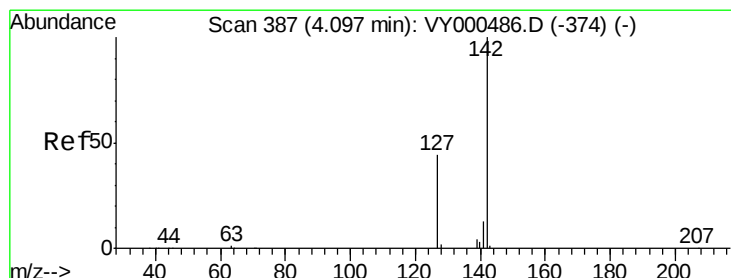
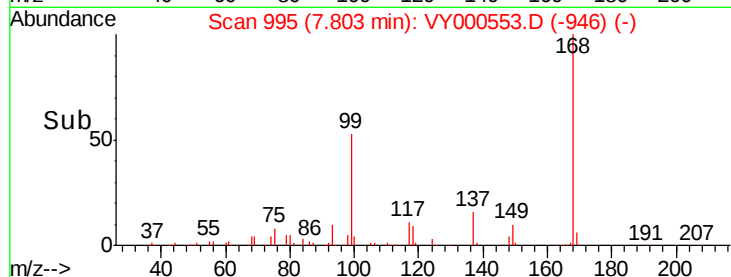
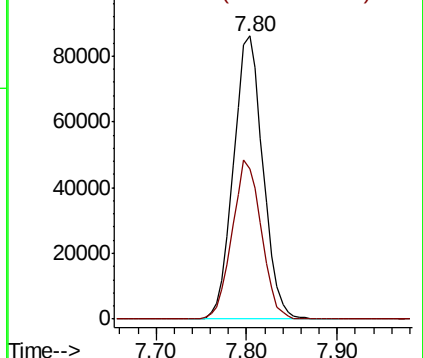
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	168	Resp	193881
Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.7	68.5



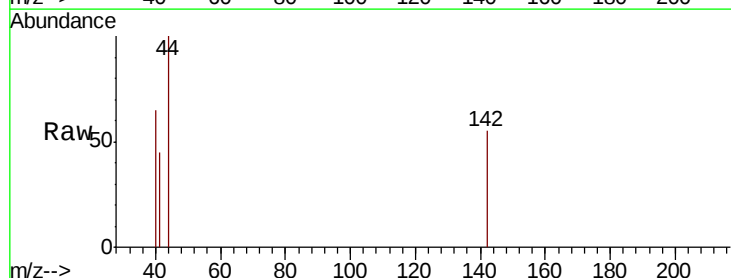
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VY0



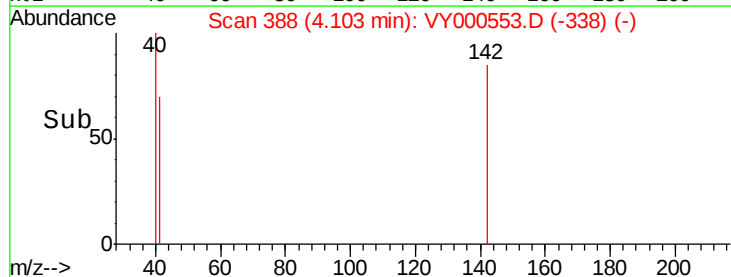
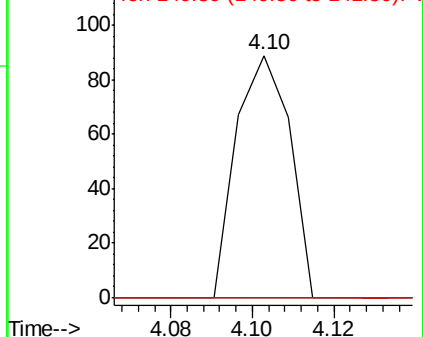
#10

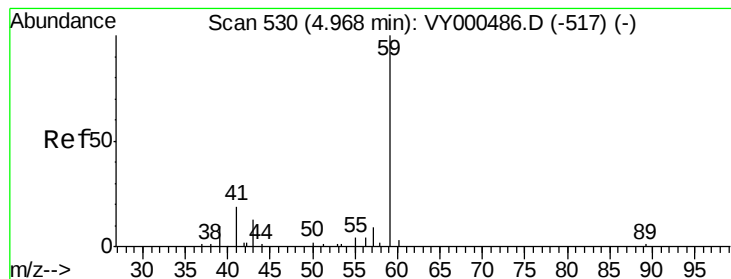
Methyl Iodide
 Concen: 3.228 ug/l
 RT: 4.10 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Tgt Ion	142	Resp	81
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



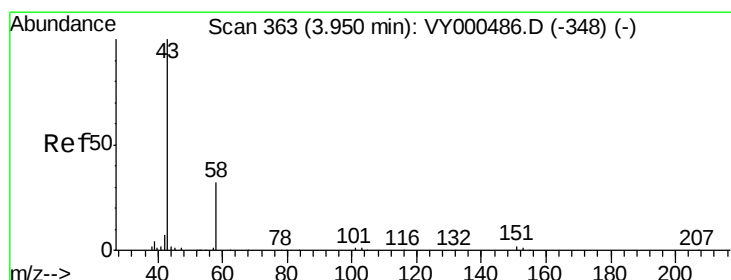
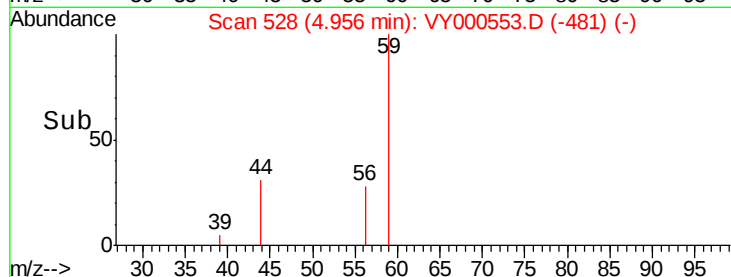
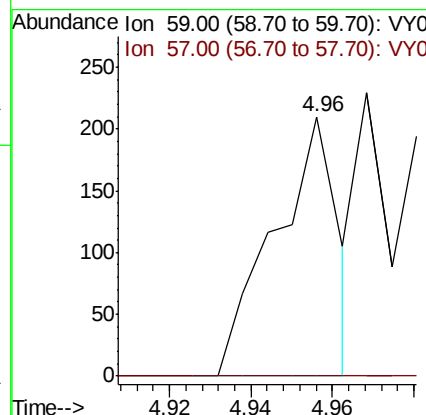
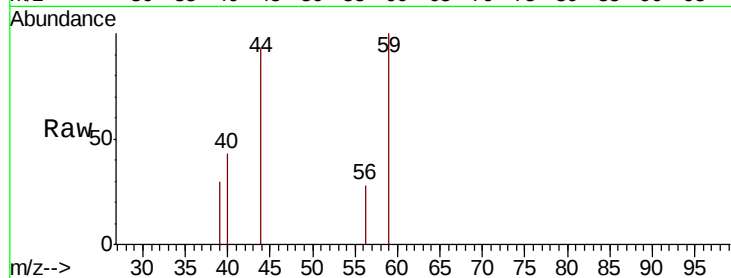


#11

Tert butyl alcohol
 Concen: 1.162 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Instrument :
 MSVOA_Y
 ClientSampled :

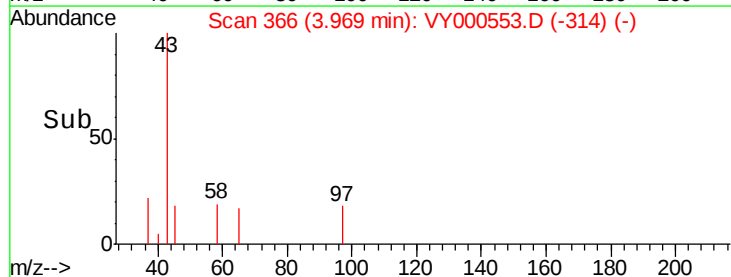
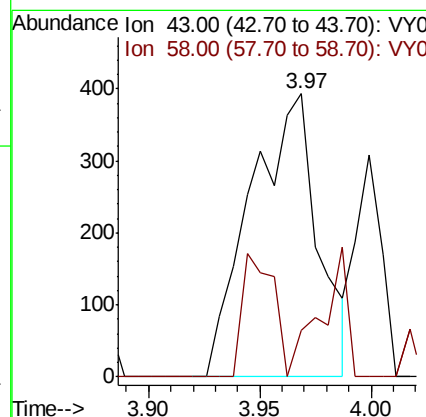
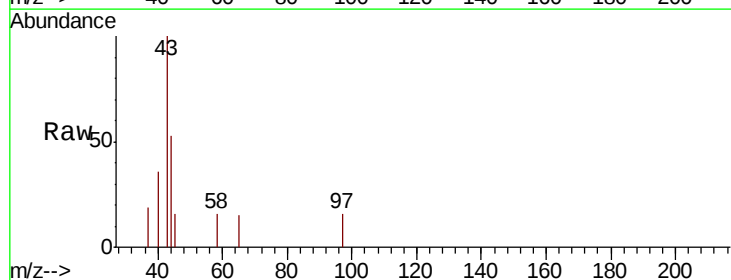
Tot Ion: 59 Resp: 227
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

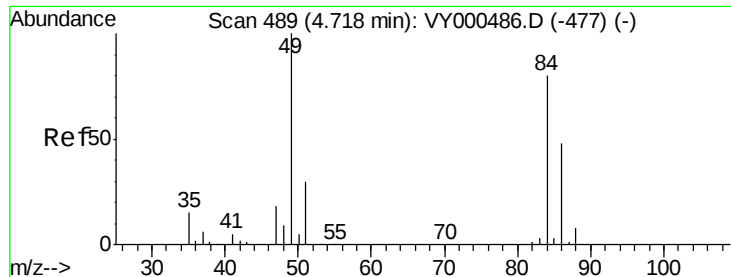


#16

Acetone
 Concen: 1.492 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Tgt Ion: 43 Resp: 825
 Ion Ratio Lower Upper
 43 100
 58 16.3 25.8 38.6#

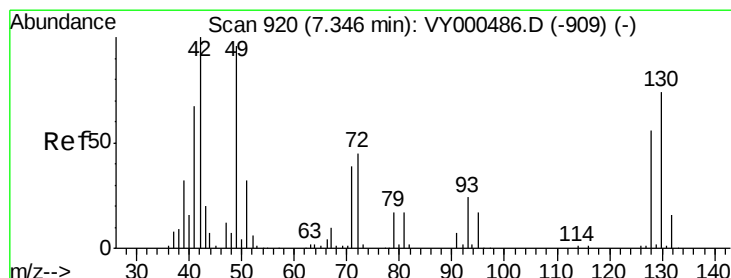
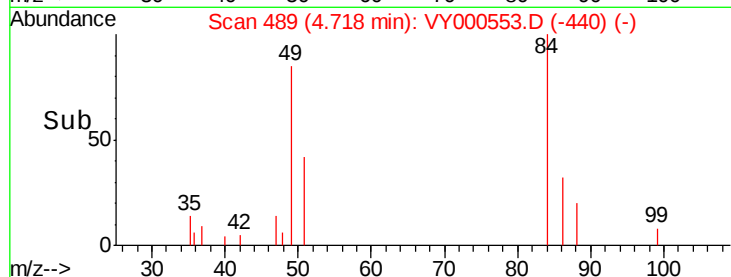
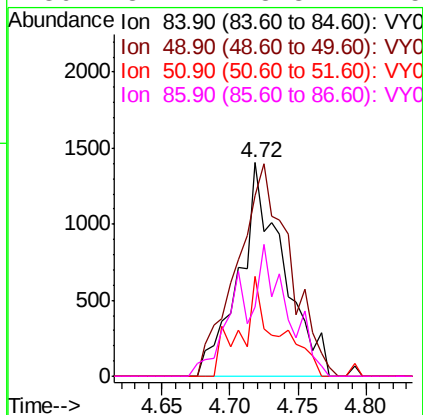
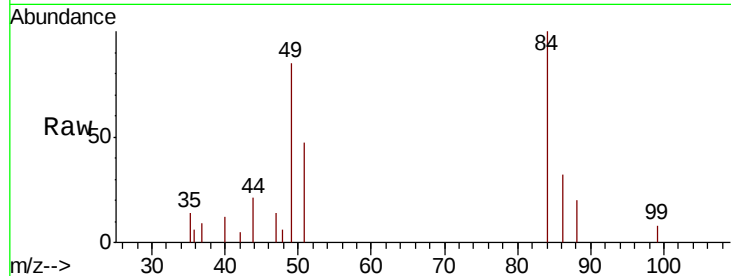




#20
Methvlene Chloride
Concen: 1.342 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

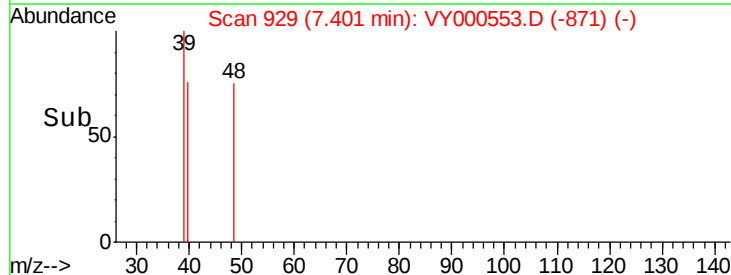
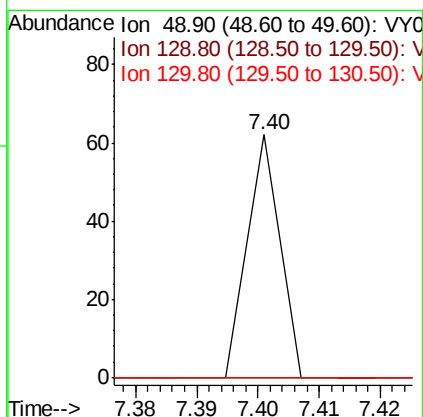
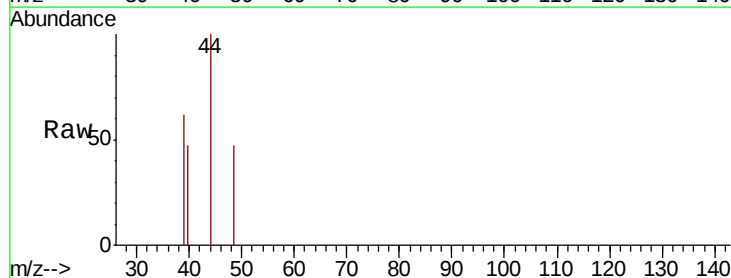
Instrument :
MSVOA_Y
ClientSampleId :

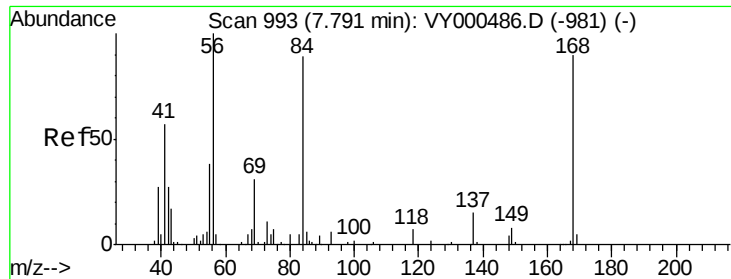
Tot Ion: 84 Resp: 3180
Ion Ratio Lower Upper
84 100
49 84.6 100.2 150.4#
51 46.5 29.6 44.4#
86 32.4 48.3 72.5#



#28
Bromochloromethane
Concen: 4.105 ug/l
RT: 7.40 min Scan# 929
Delta R.T. 0.06 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Tgt Ion: 49 Resp: 23
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#

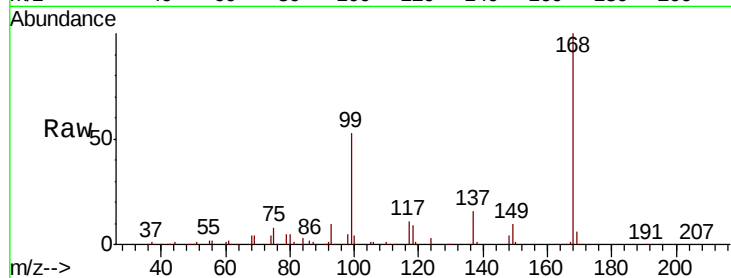




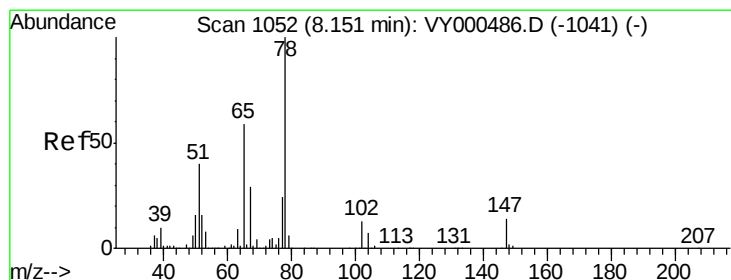
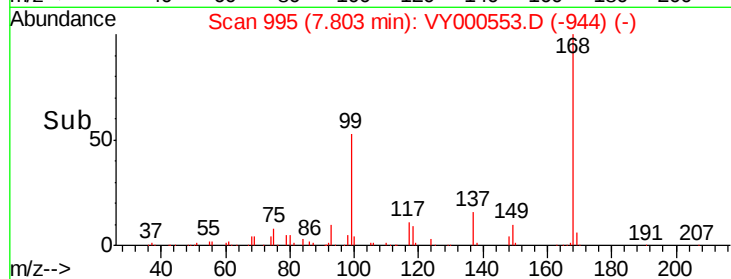
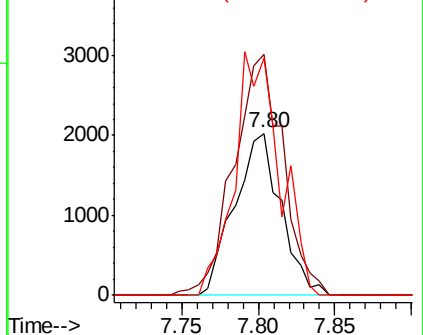
#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 4274
Ion Ratio Lower Upper
56 100
69 149.2 25.0 37.6#
84 146.6 71.4 107.2#

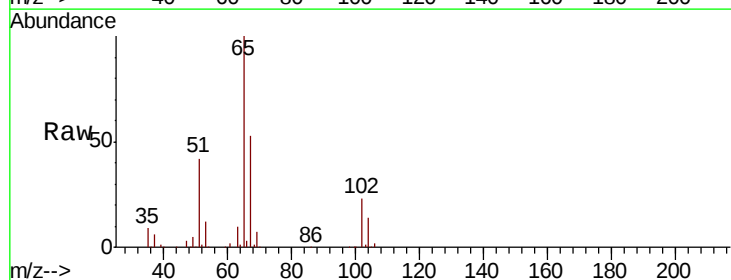


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

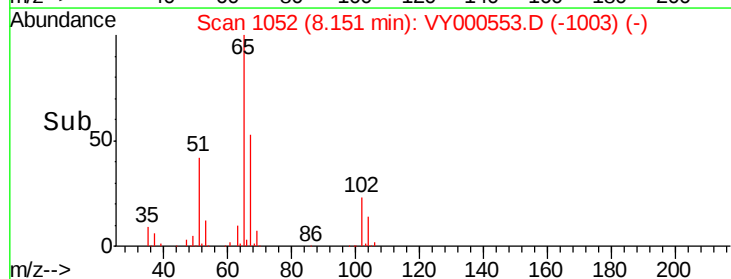
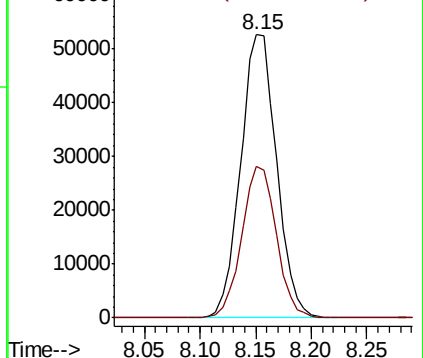


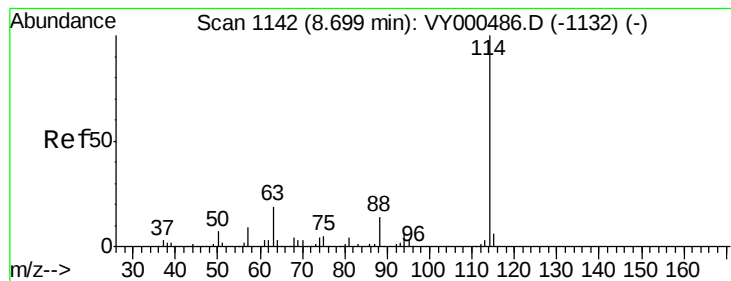
#33
1,2-Dichloroethane-d4
Concen: 58.935 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Tgt Ion: 65 Resp: 118249
Ion Ratio Lower Upper
65 100
67 51.5 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: VY000553.D

Acq: 06 Nov 2019 15:54

Instrument :

MSVOA_Y

ClientSampleId :

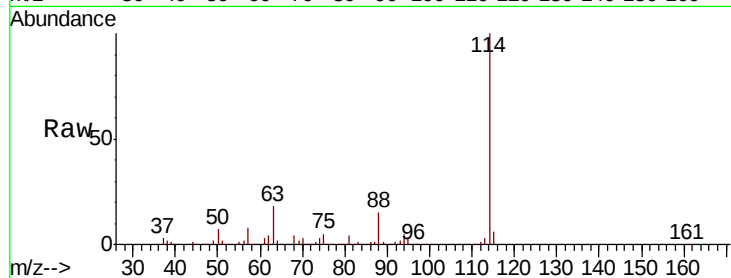
Tot Ion:114 Resp: 347046

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.0

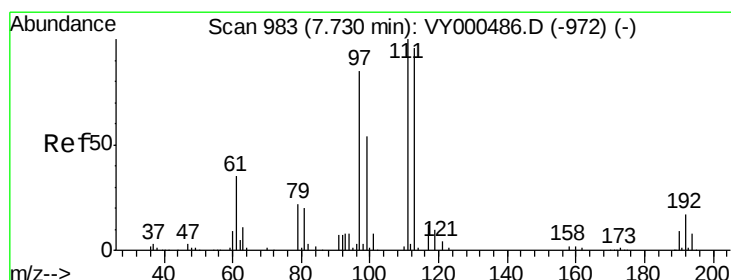
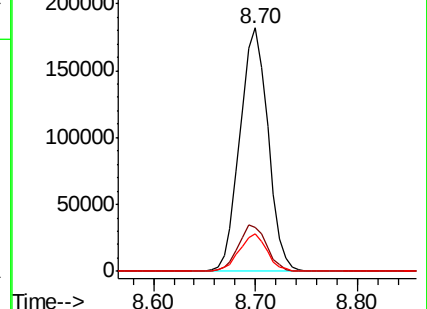
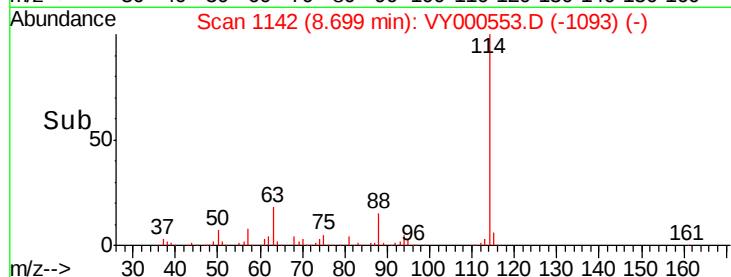
88 15.3 0.0 28.6



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: 50.999 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000553.D

Acq: 06 Nov 2019 15:54

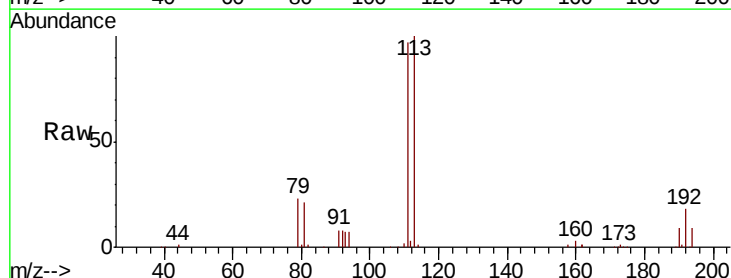
Tgt Ion:113 Resp: 103904

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

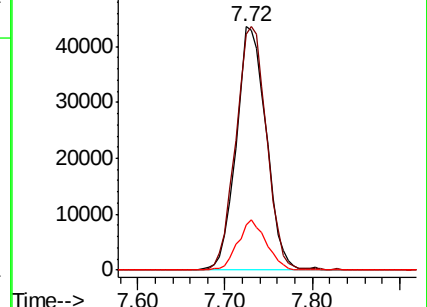
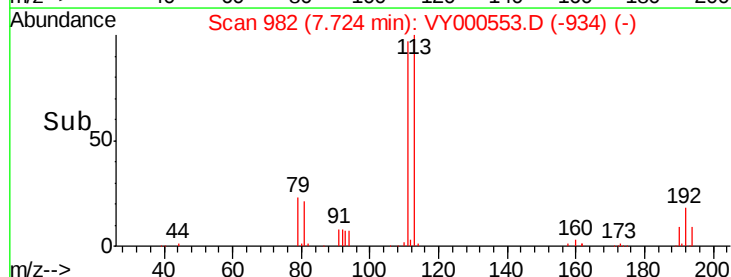
192 19.6 15.0 22.4

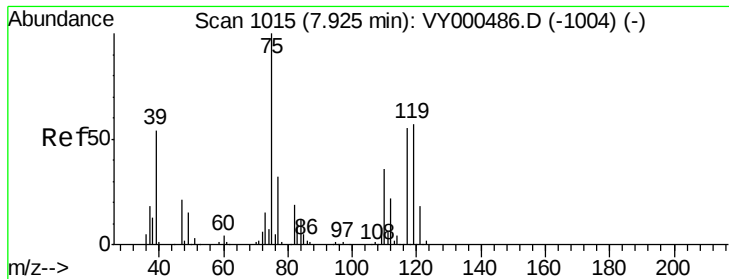


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

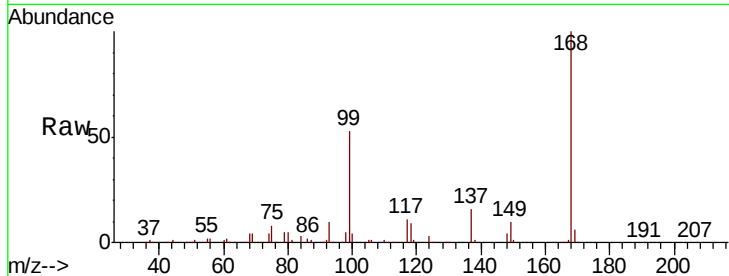




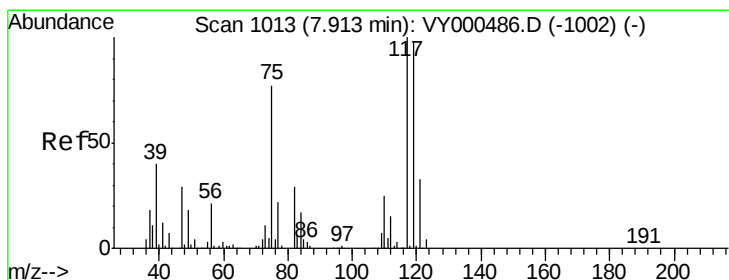
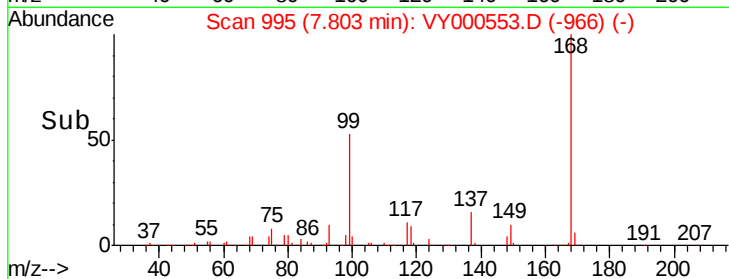
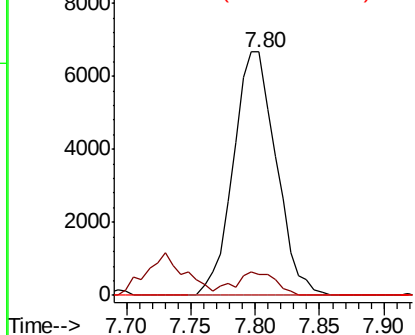
#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.0	37.6#

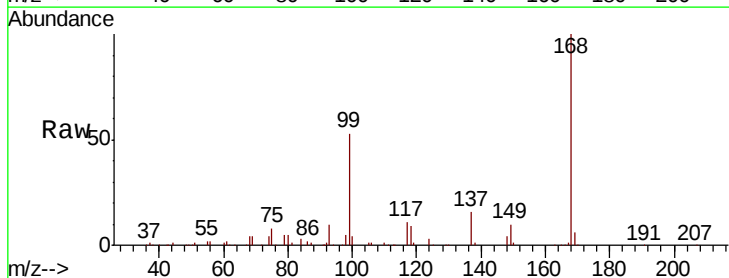


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

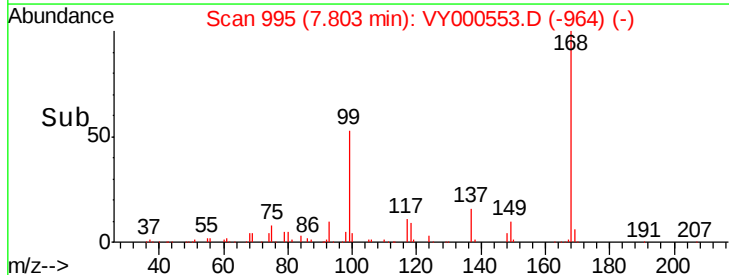
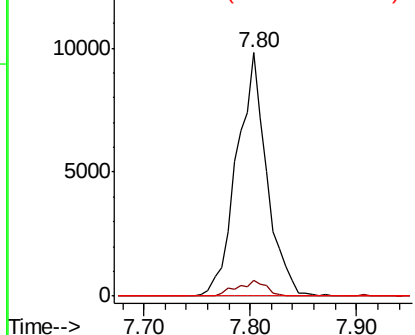


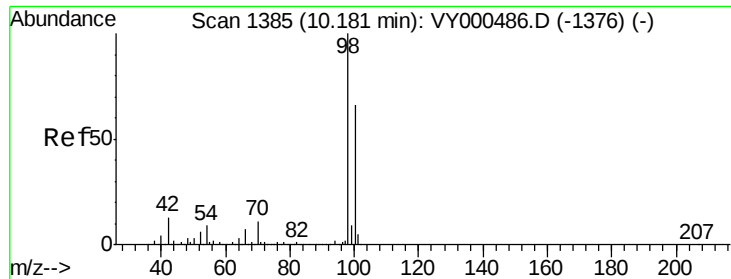
#38
 Carbon Tetrachloride
 Concen: 6.147 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.0	117.0#
121	0.0	26.6	40.0#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 52.973 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000553.D

Acq: 06 Nov 2019 15:54

Instrument :

MSVOA_Y

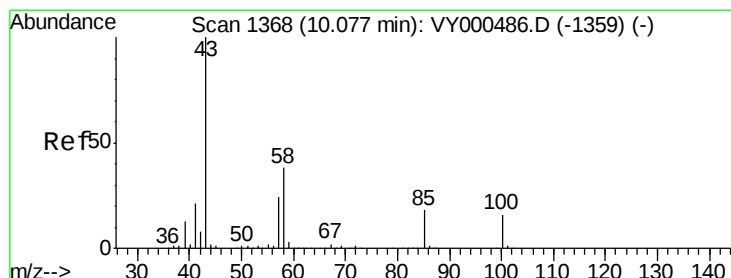
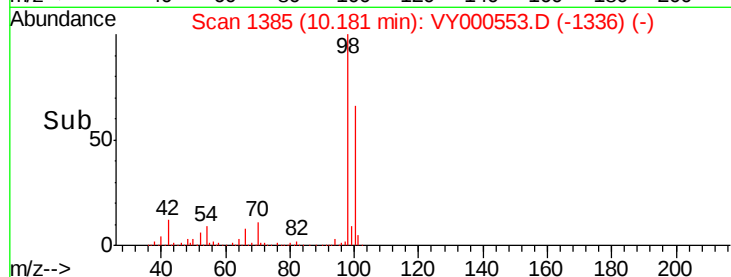
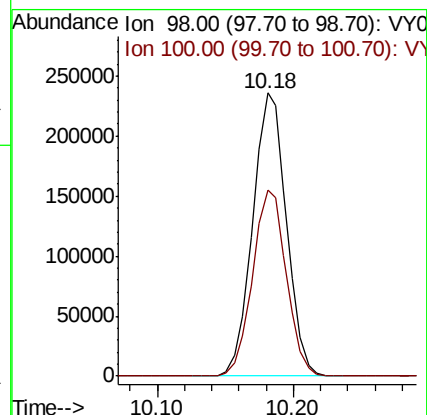
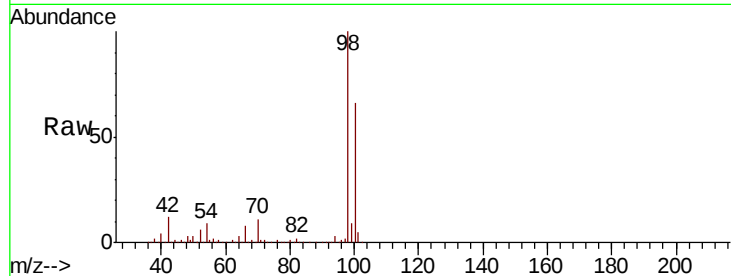
ClientSampled :

Tot Ion: 98 Resp: 409522

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 1.055 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY000553.D

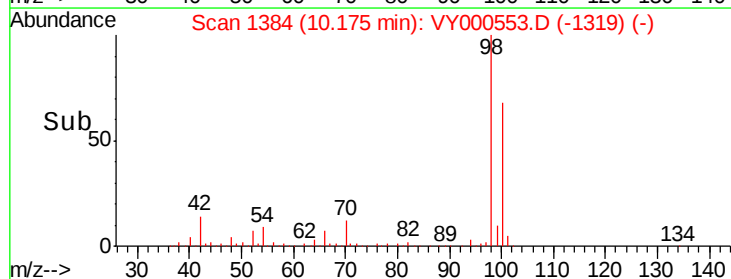
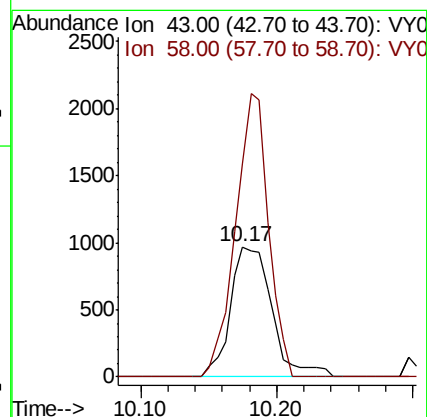
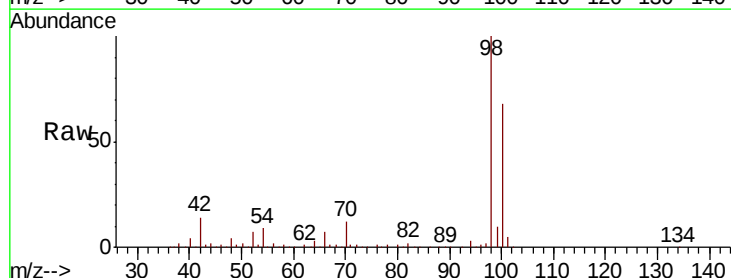
Acq: 06 Nov 2019 15:54

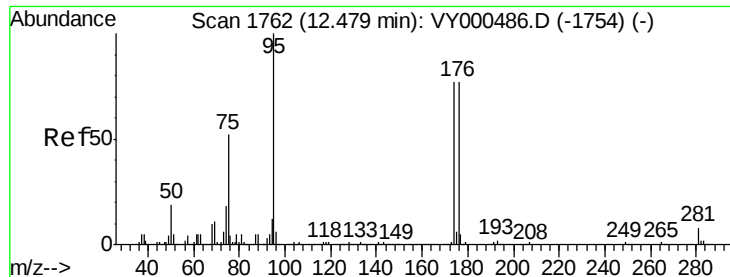
Tgt Ion: 43 Resp: 2053

Ion Ratio Lower Upper

43 100

58 173.2 30.2 45.4#

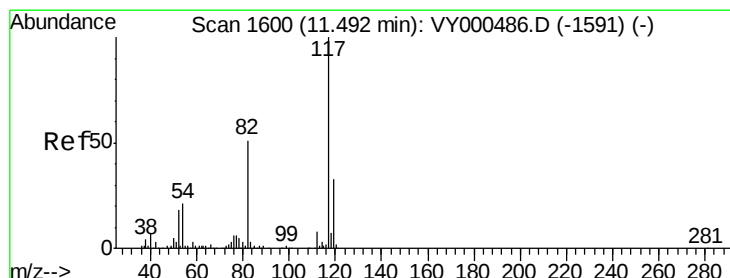
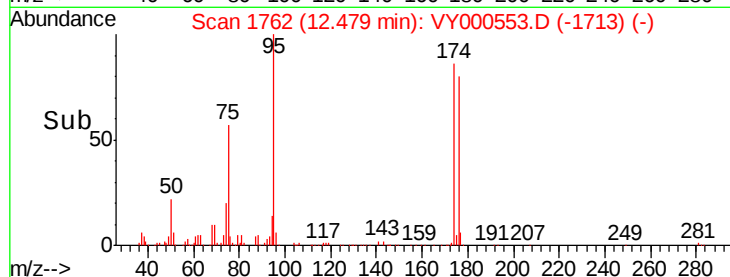
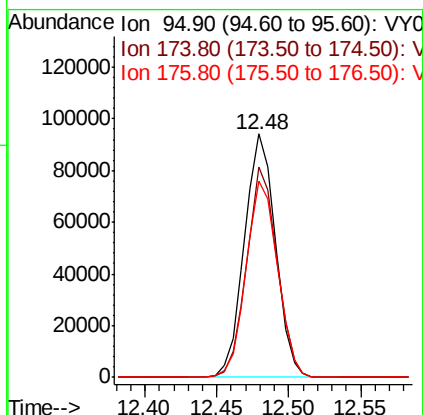
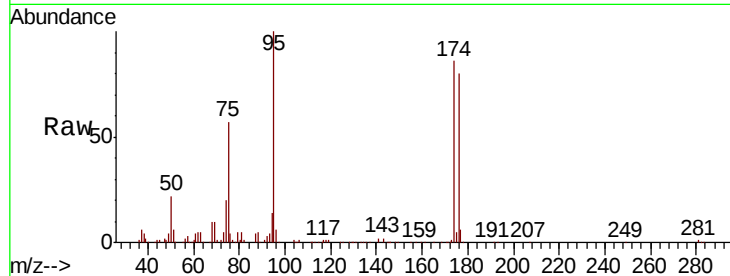




#62
4-Bromofluorobenzene
Concen: 47.822 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

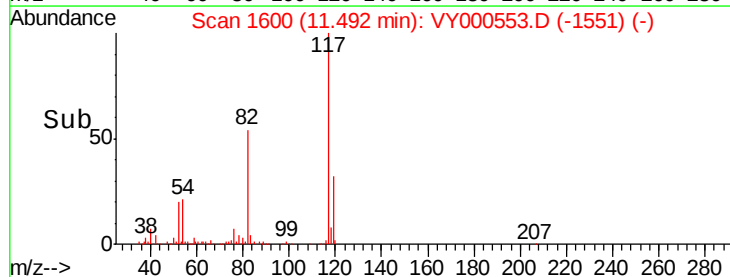
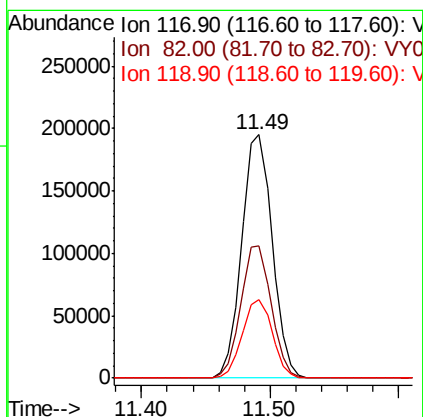
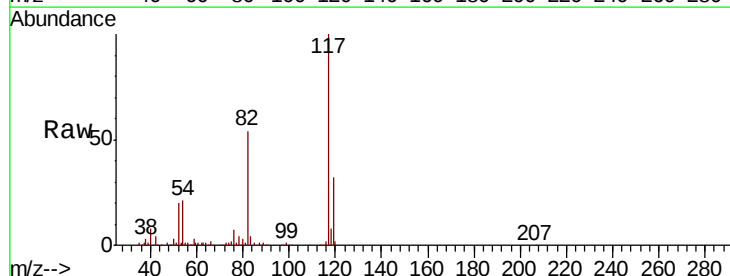
Instrument :
MSVOA_Y
ClientSampleId :

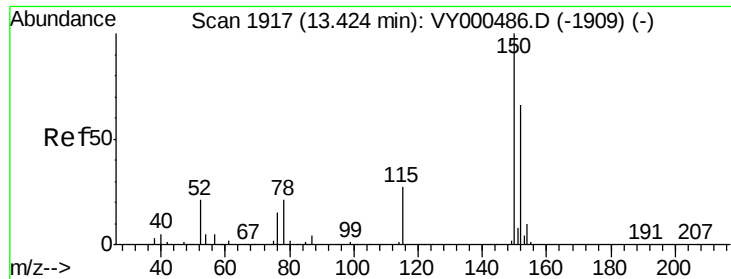
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	161.6
176	81.2	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	40.8	61.2
119	32.3	26.2	39.2



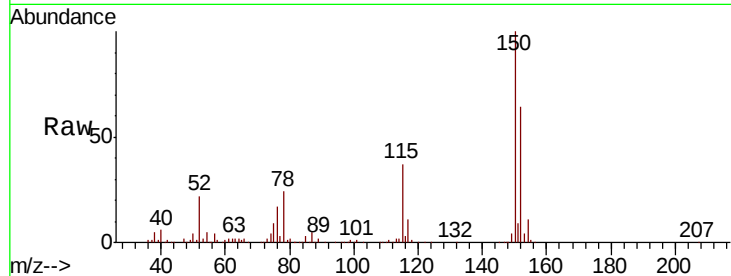


#72

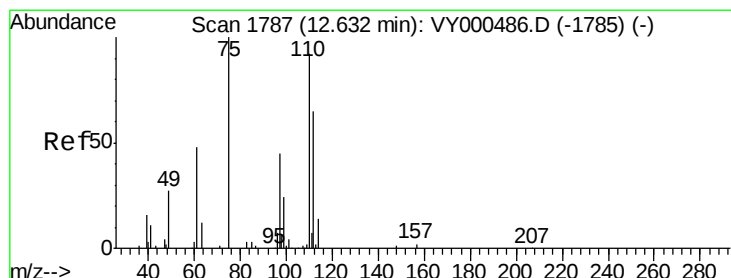
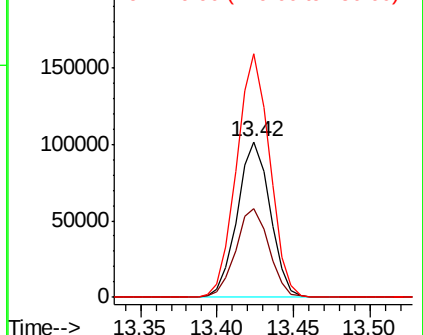
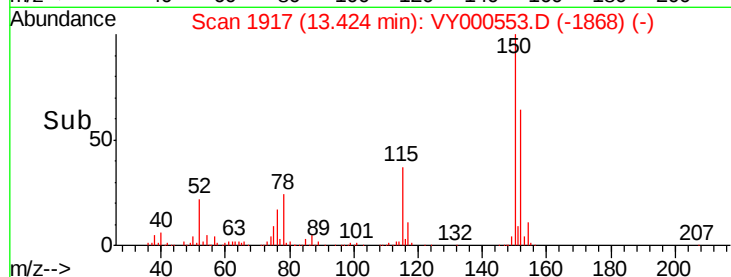
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 151347
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.4
150 157.9 0.0 348.8



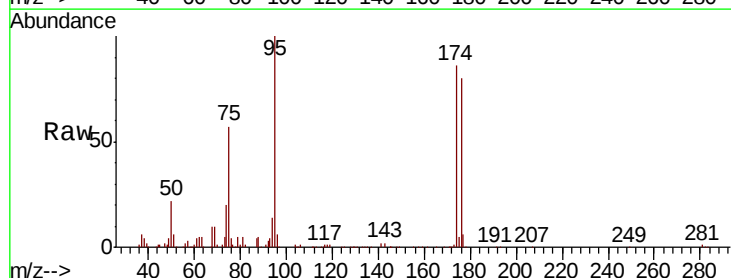
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



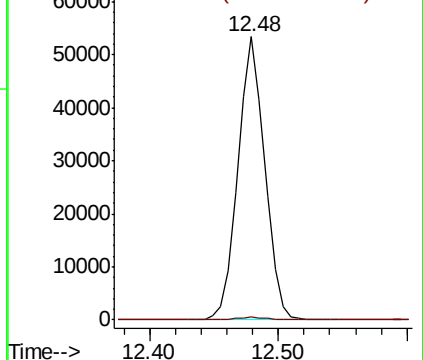
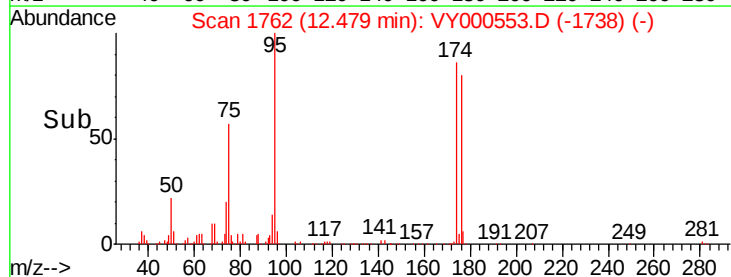
#76

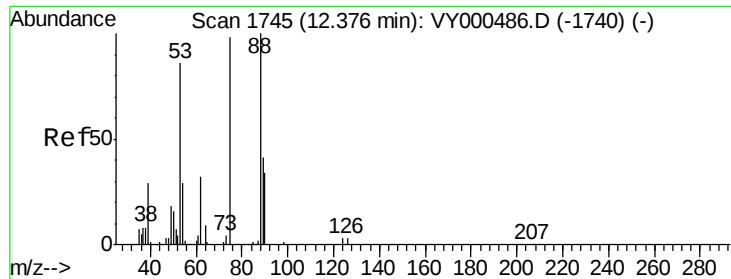
1,2,3-Trichloropropane
Concen: 44.659 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Tgt Ion: 75 Resp: 76960
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

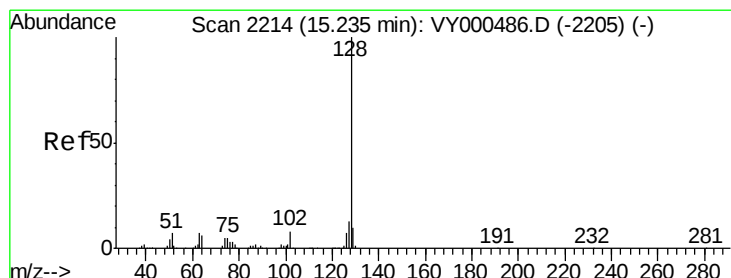
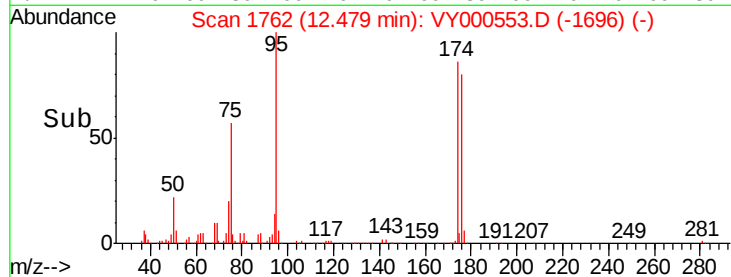
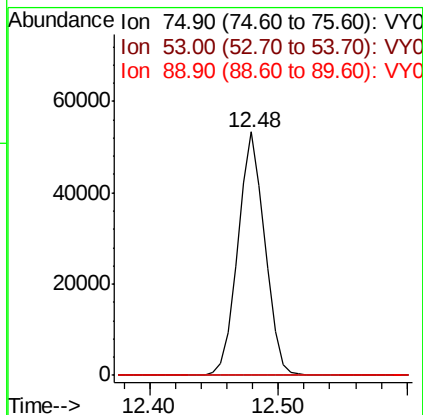
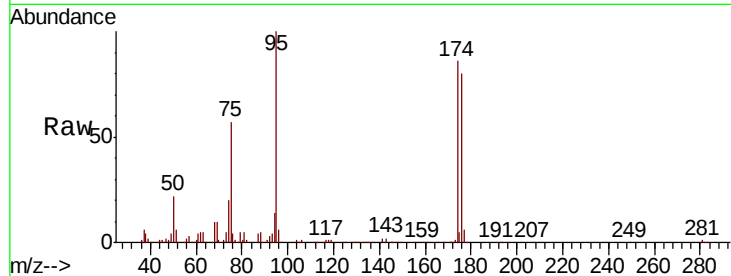




#81
trans-1,4-Dichloro-2-butene
Concen: 100.131 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 76960
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.3 35.9 53.9#



#95
Naphthalene
Concen: 2.284 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Tgt Ion: 128 Resp: 15566
Ion Ratio Lower Upper
128 100
127 10.1 9.8 14.6
129 12.9 8.7 13.1

