

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000712.D
 Acq On : 15 Nov 2019 19:18
 Operator : SY/MD
 Sample : K5861-23
 Misc : 4.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:33:45 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	180850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	340074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	316101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150446	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	114738	61.31	ug/l	0.00
Spiked Amount			Recovery	=	122.62%	
35) Dibromofluoromethane	7.73	113	103483	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
50) Toluene-d8	10.18	98	406404	53.65	ug/l	0.00
Spiked Amount			Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.48	95	141120	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

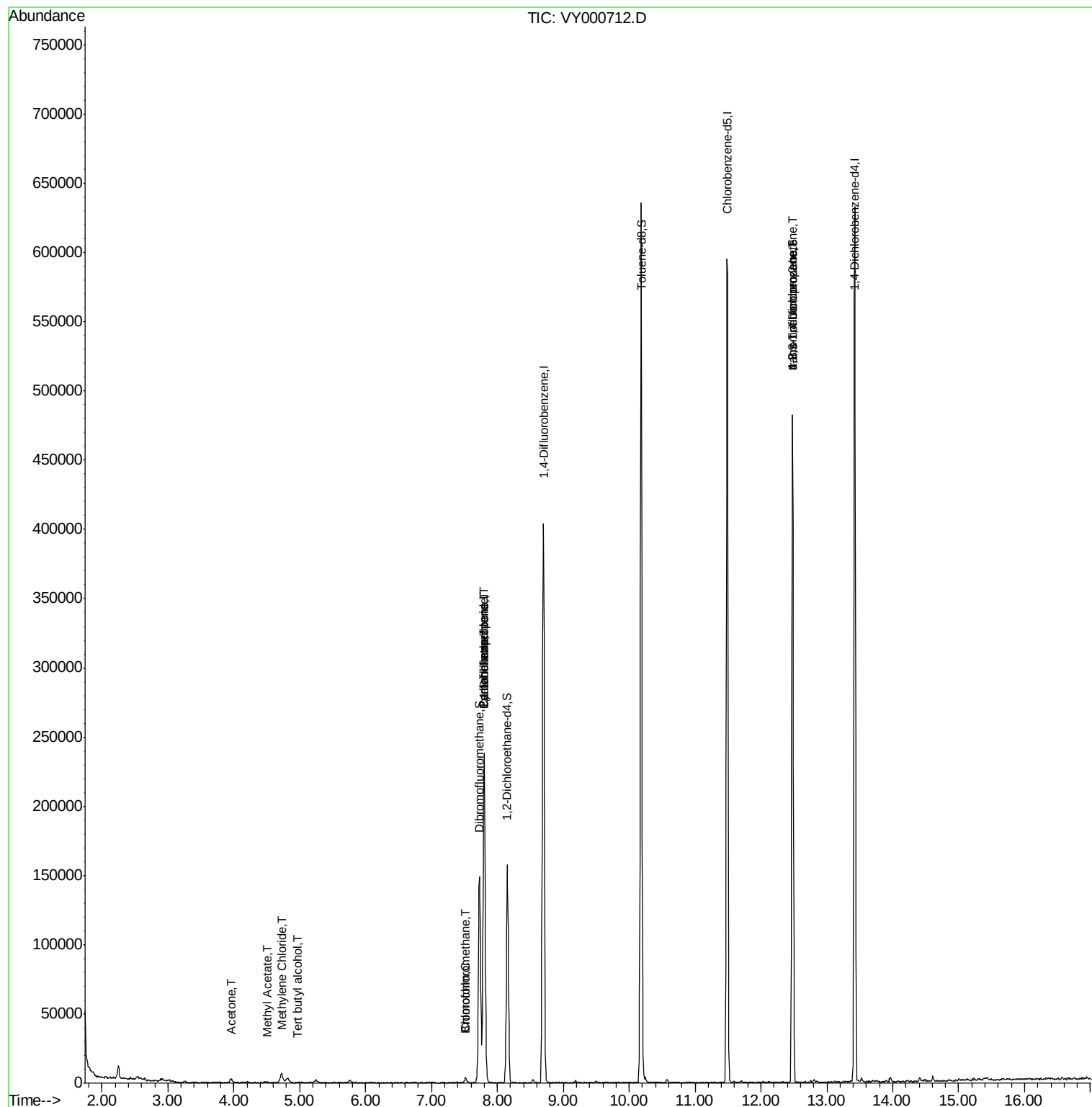
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	241	1.323	ug/l #	72
16) Acetone	3.96	43	5328	10.329	ug/l #	85
18) Methyl Acetate	4.50	43	1659	1.034	ug/l #	60
20) Methylene Chloride	4.74	84	4469	2.022	ug/l #	80
28) Bromochloromethane	7.50	49	235	4.229	ug/l #	14
30) Chloroform	7.52	83	3645	1.042	ug/l	85
31) Cyclohexane	7.80	56	4336	1.197	ug/l #	18
36) 1,1-Dichloropropene	7.80	75	15023	4.673	ug/l #	50
38) Carbon Tetrachloride	7.80	117	18267	5.905	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	75590	44.126	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	75590	98.937	ug/l #	13

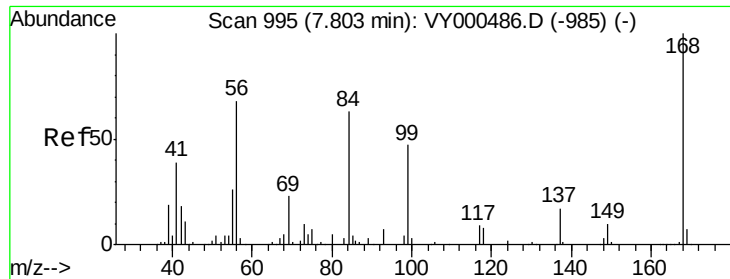
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
Data File : VY000712.D
Acq On : 15 Nov 2019 19:18
Operator : SY/MD
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:33:45 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

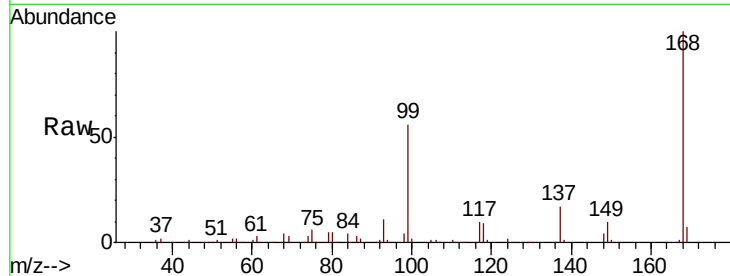




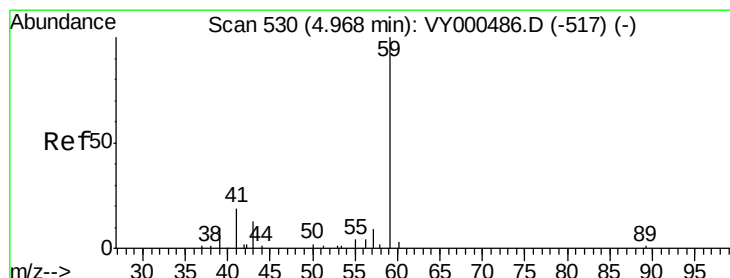
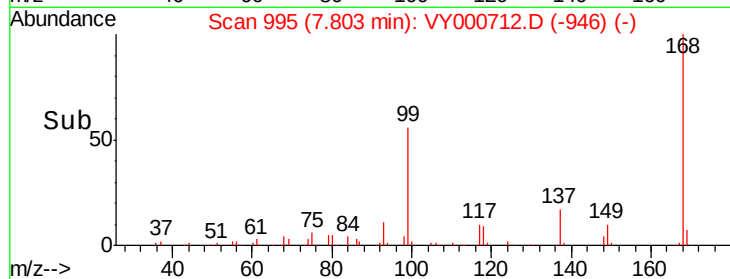
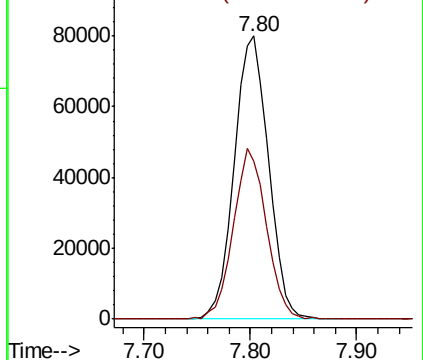
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 180850
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5

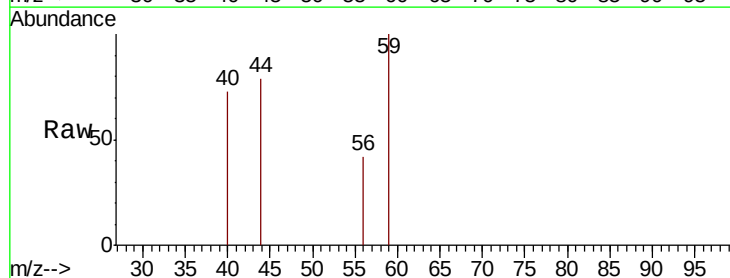


Abundance Ion 167.90 (167.60 to 168.60): VY000712.D (-985) (-)
Ion 98.90 (98.60 to 99.60): VY000712.D (-985) (-)

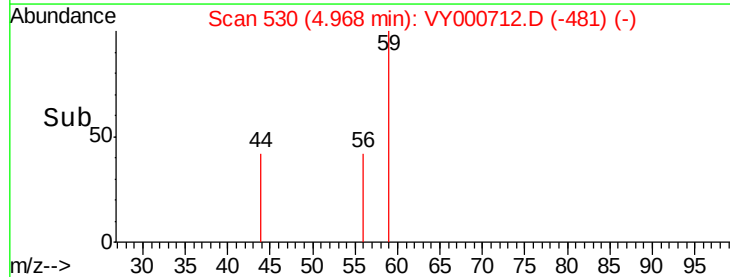
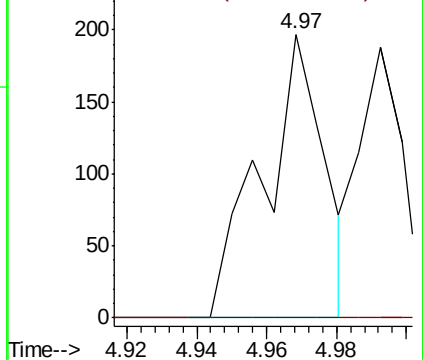


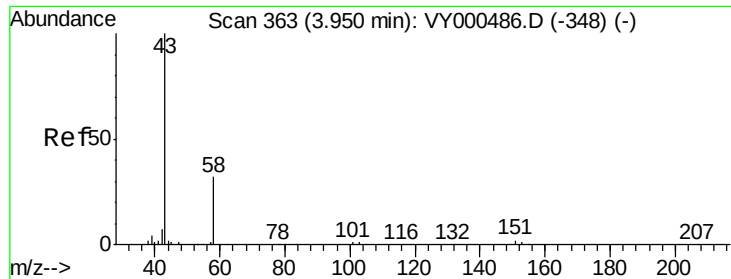
#11
Tert butyl alcohol
Concen: 1.323 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY000712.D (-481) (-)
Ion 57.00 (56.70 to 57.70): VY000712.D (-481) (-)





#16

Acetone

Concen: 10.329 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000712.D

Acq: 15 Nov 2019 19:18

Instrument :

MSVOA_Y

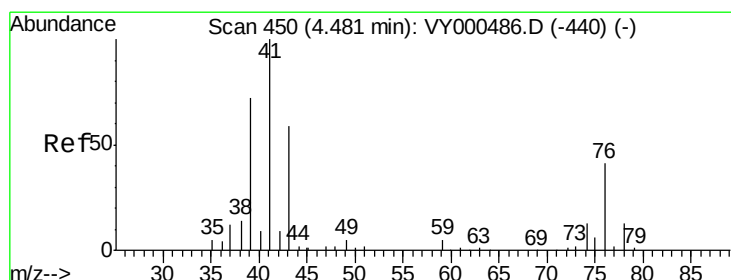
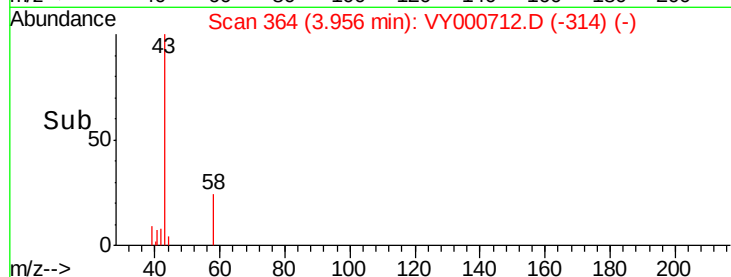
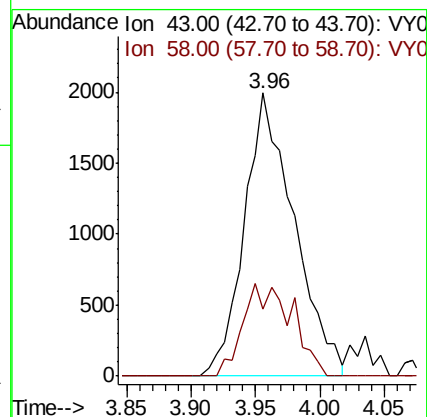
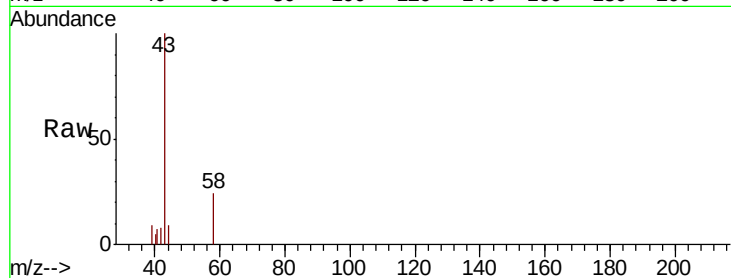
ClientSampleId :

Tot Ion: 43 Resp: 5328

Ion Ratio Lower Upper

43 100

58 23.6 25.8 38.6#



#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.02 min

Lab File: VY000712.D

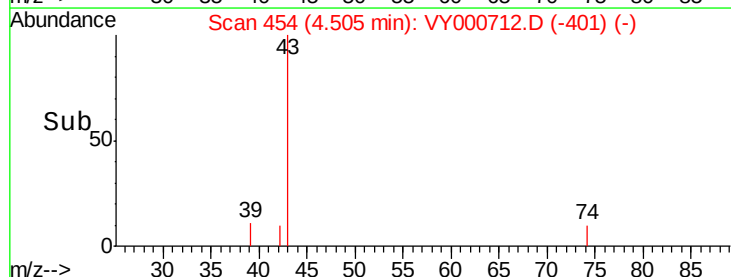
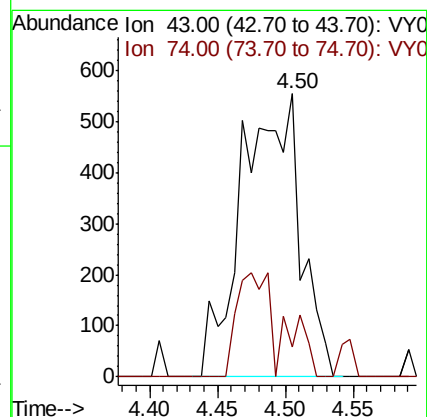
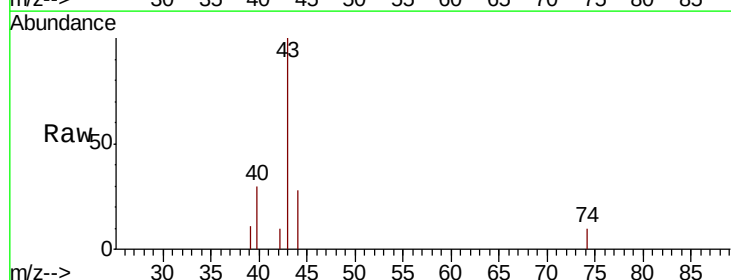
Acq: 15 Nov 2019 19:18

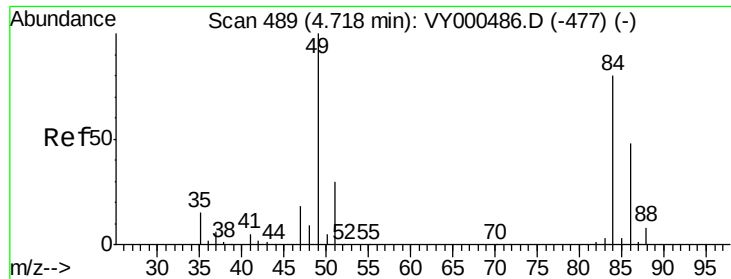
Tgt Ion: 43 Resp: 1659

Ion Ratio Lower Upper

43 100

74 4.1 19.2 28.8#

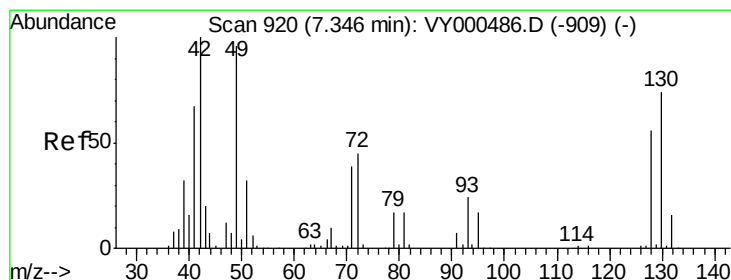
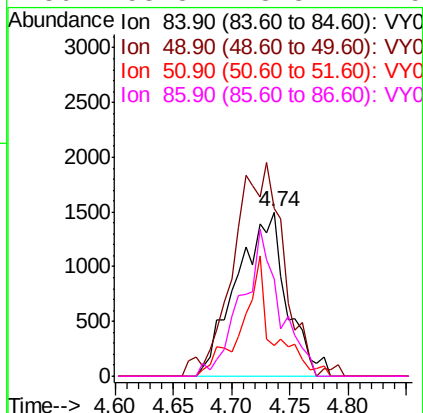
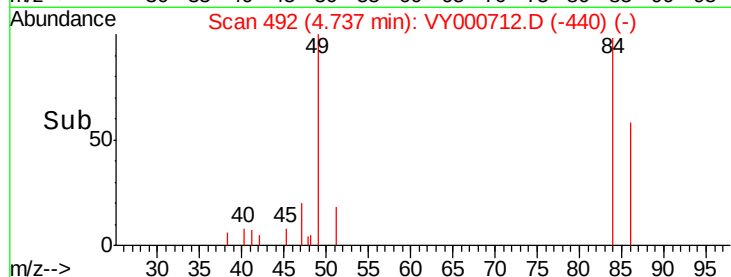
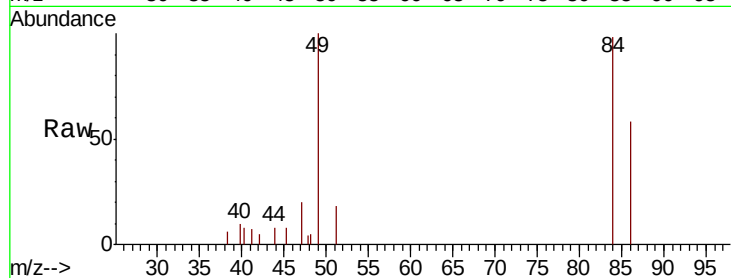




#20
Methvlene Chloride
Concen: 2.022 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.02 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

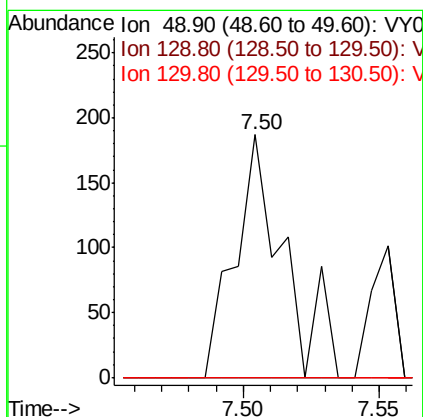
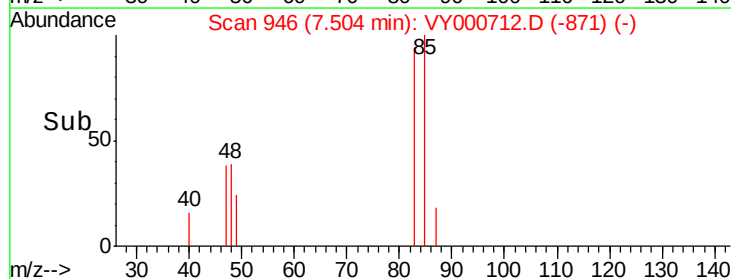
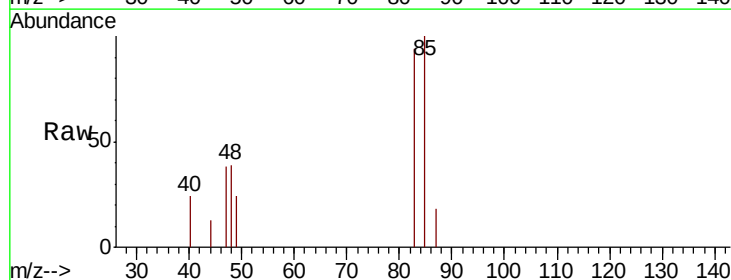
Instrument :
MSVOA_Y
ClientSampled :

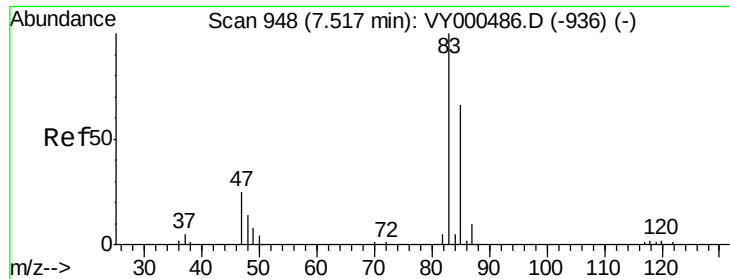
Tot Ion: 84 Resp: 4469
Ion Ratio Lower Upper
84 100
49 95.4 100.2 150.4#
51 18.8 29.6 44.4#
86 58.8 48.3 72.5



#28
Bromochloromethane
Concen: 4.229 ug/l
RT: 7.50 min Scan# 946
Delta R.T. 0.16 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Tgt Ion: 49 Resp: 235
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#

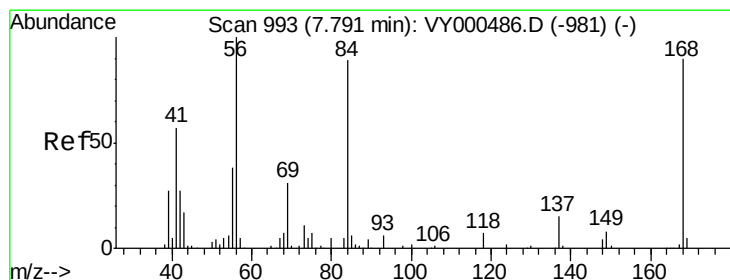
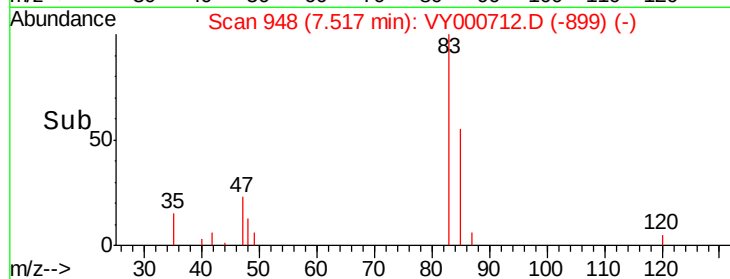
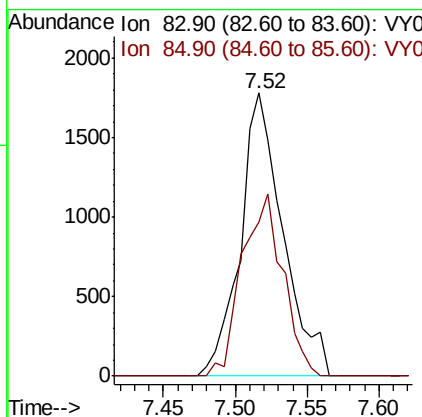
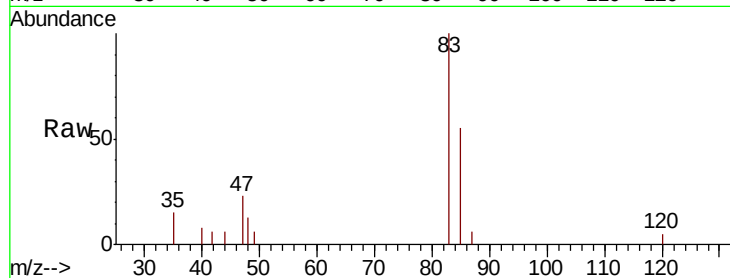




#30
Chloroform
Concen: 1.042 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

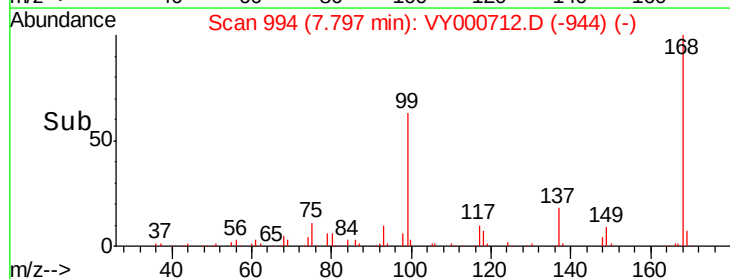
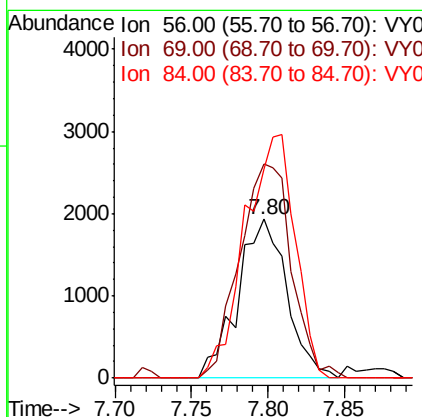
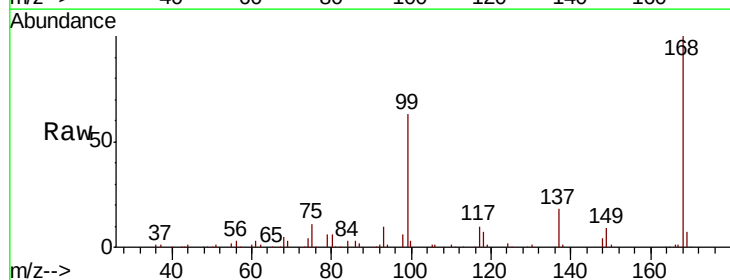
Instrument :
MSVOA_Y
ClientSampleId :

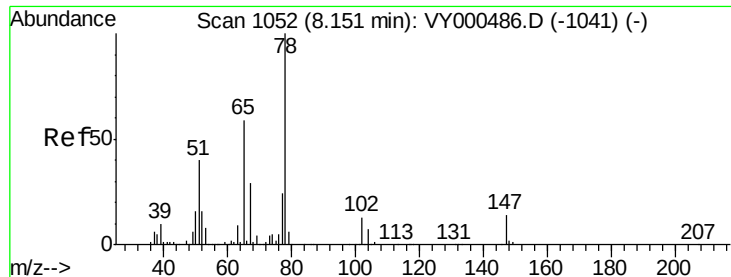
Tot Ion: 83 Resp: 3645
Ion Ratio Lower Upper
83 100
85 54.6 53.0 79.4



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Tgt Ion: 56 Resp: 4336
Ion Ratio Lower Upper
56 100
69 135.0 25.0 37.6#
84 131.3 71.4 107.2#

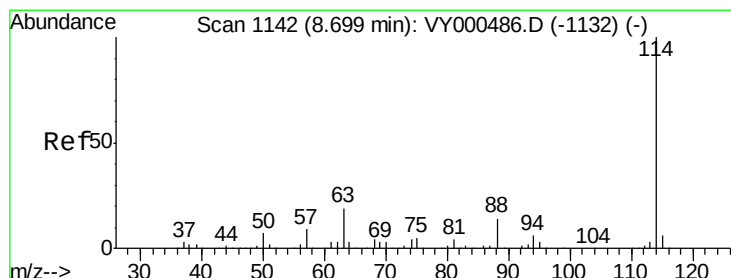
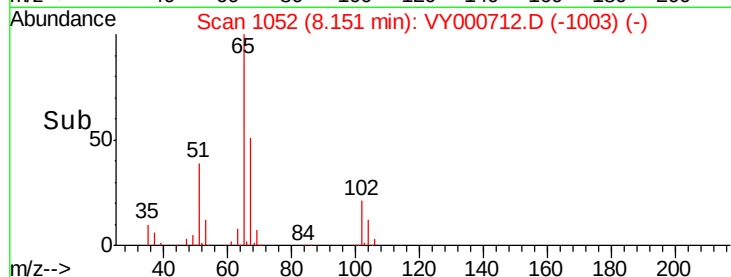
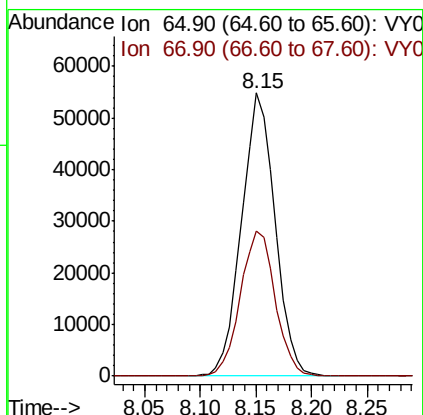
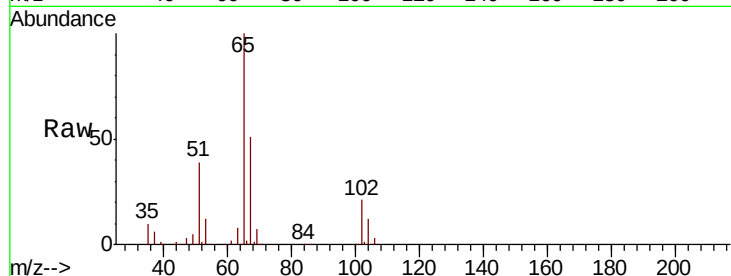




#33
 1,2-Dichloroethane-d4
 Concen: 61.306 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000712.D
 Acq: 15 Nov 2019 19:18

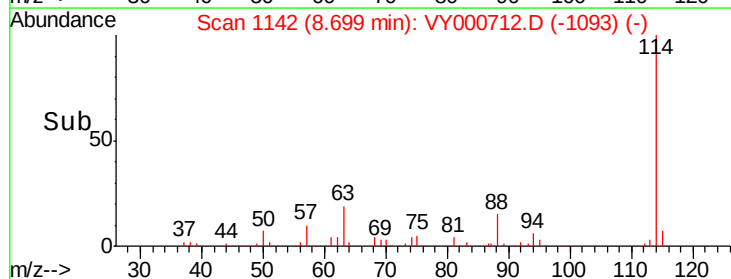
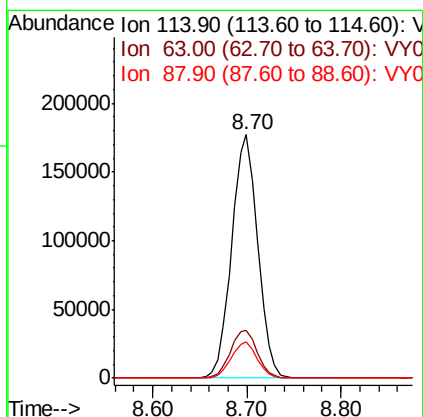
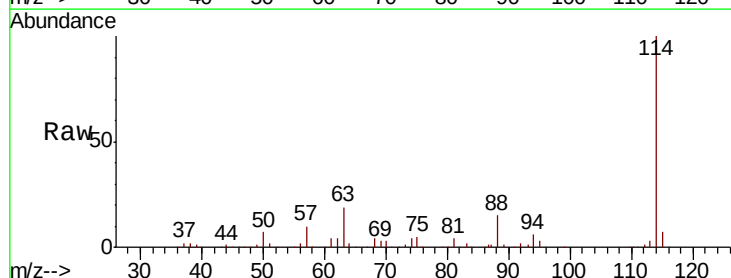
Instrument :
 MSVOA_Y
 ClientSampleId :

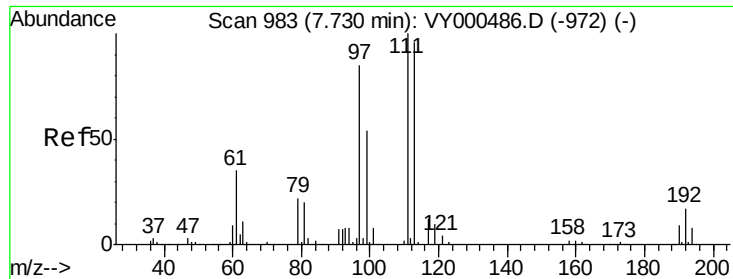
Tot Ion: 65 Resp: 114738
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000712.D
 Acq: 15 Nov 2019 19:18

Tgt Ion: 114 Resp: 340074
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 14.7 0.0 28.6

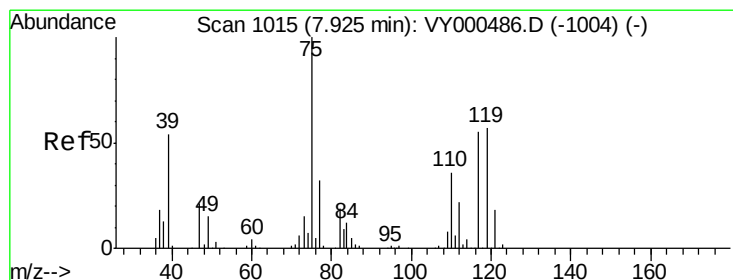
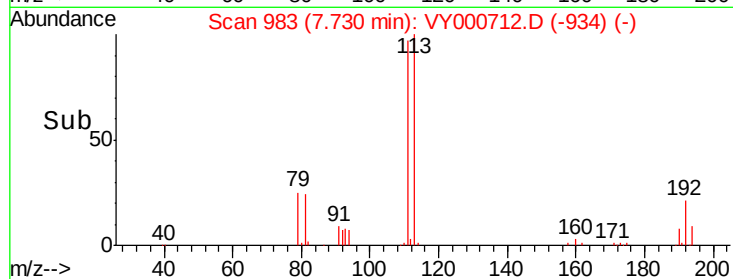
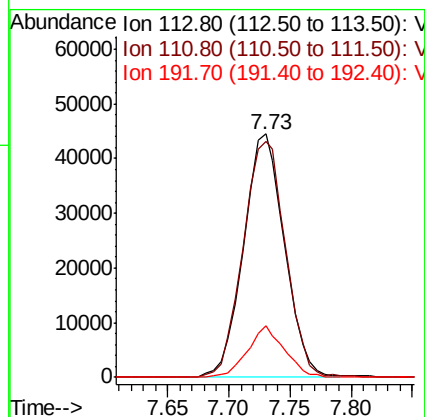
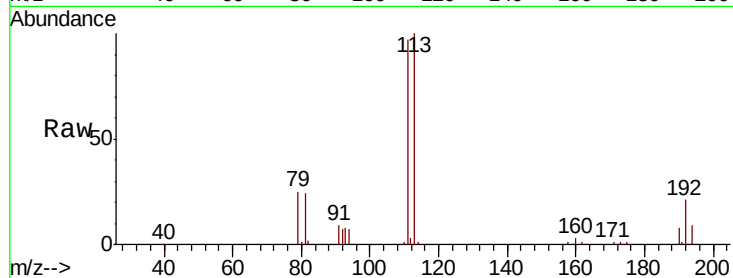




#35
 Dibromofluoromethane
 Concen: 51.833 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000712.D
 Acq: 15 Nov 2019 19:18

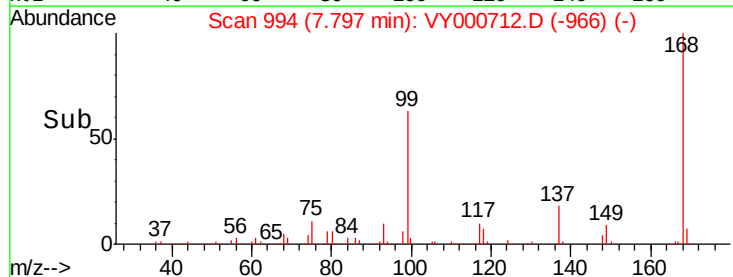
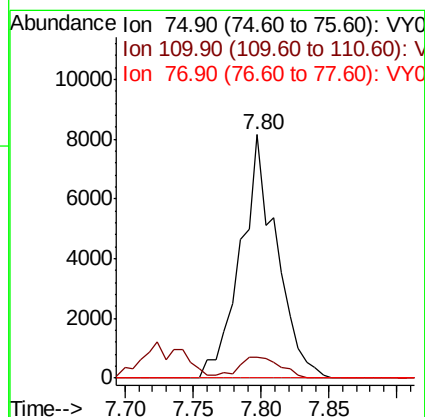
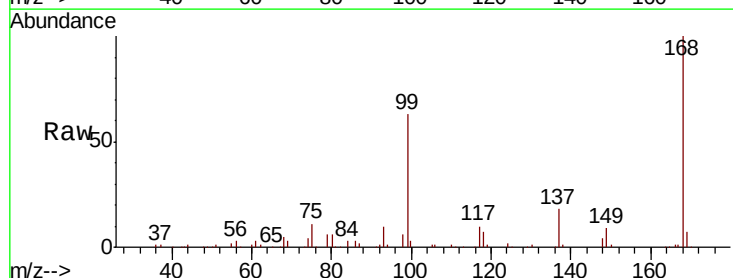
Instrument :
 MSVOA_Y
 ClientSampled :

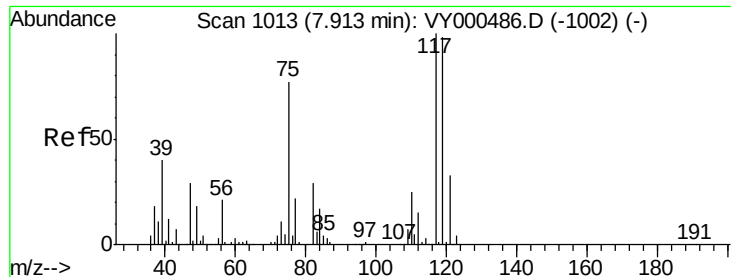
Tot Ion:113 Resp: 103483
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.7 122.5
 192 18.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.673 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000712.D
 Acq: 15 Nov 2019 19:18

Tgt Ion: 75 Resp: 15023
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.1 54.1#
 77 0.0 25.0 37.6#

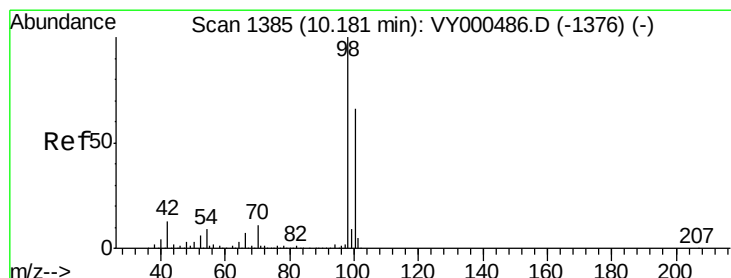
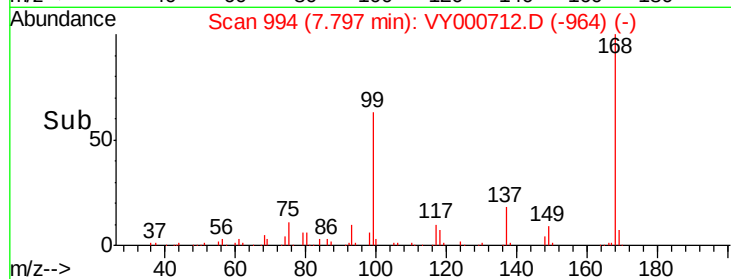
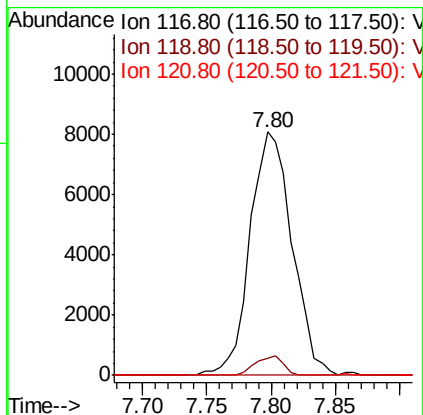
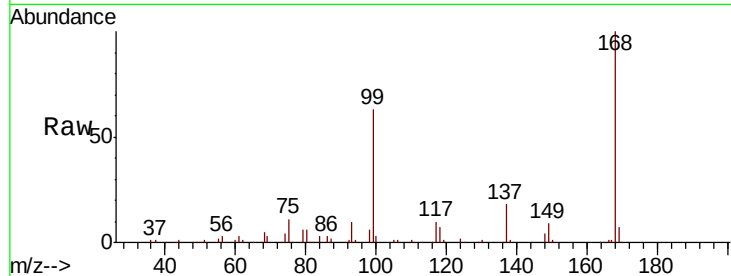




#38
Carbon Tetrachloride
Concen: 5.905 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

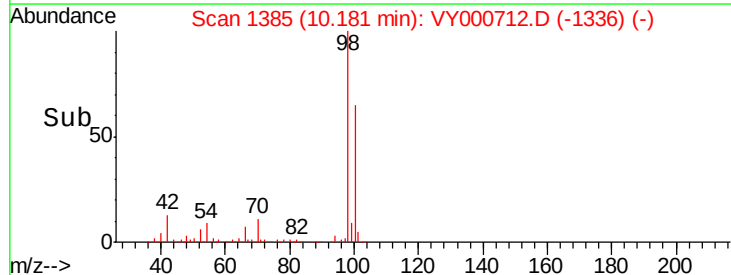
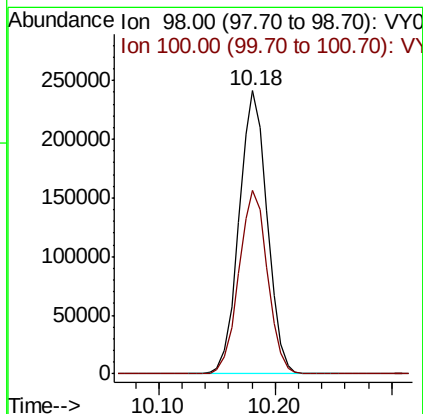
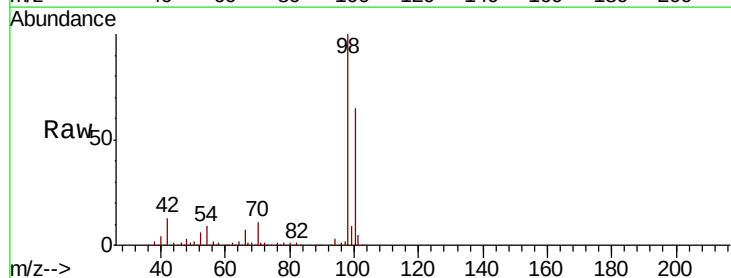
Instrument :
MSVOA_Y
ClientSampled :

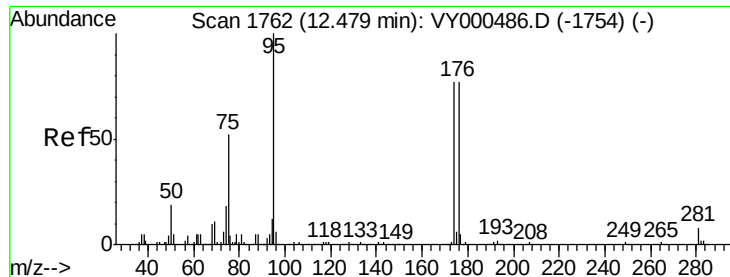
Tot Ion:117 Resp: 18267
Ion Ratio Lower Upper
117 100
119 6.9 78.0 117.0#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 53.647 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Tgt Ion: 98 Resp: 406404
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

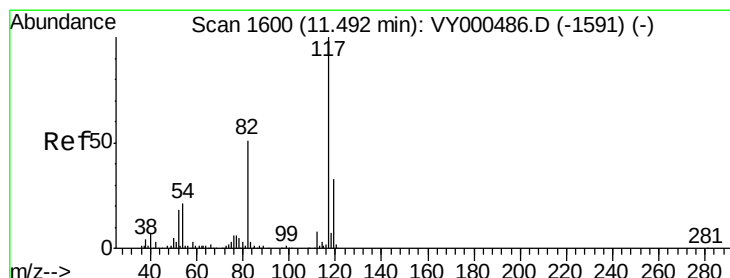
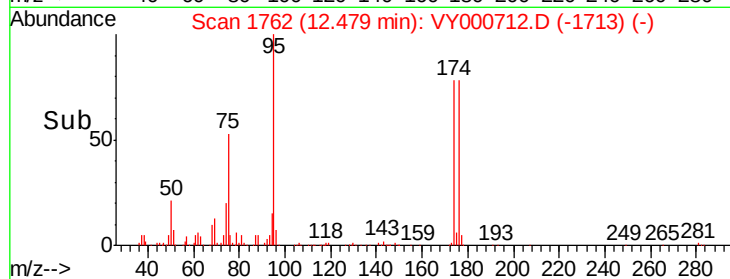
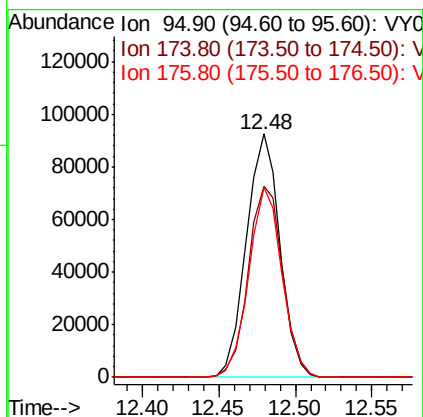
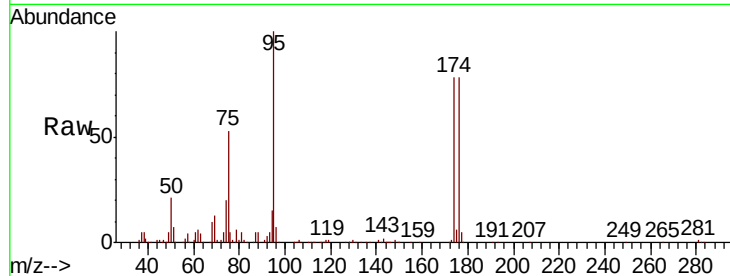




#62
4-Bromofluorobenzene
Concen: 48.933 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

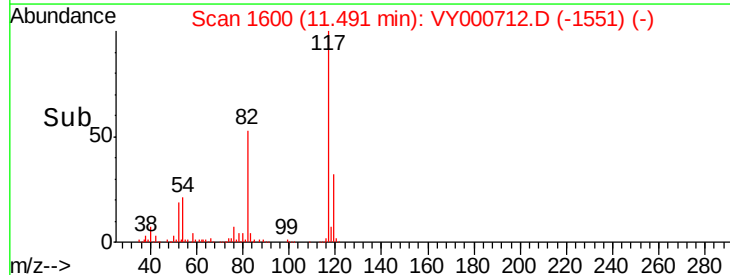
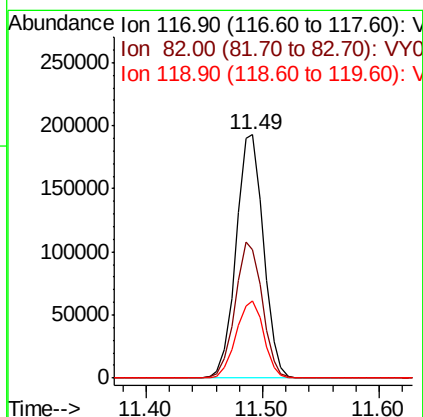
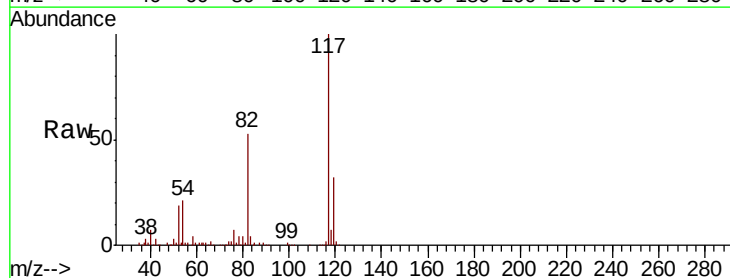
Instrument :
MSVOA_Y
ClientSampleId :

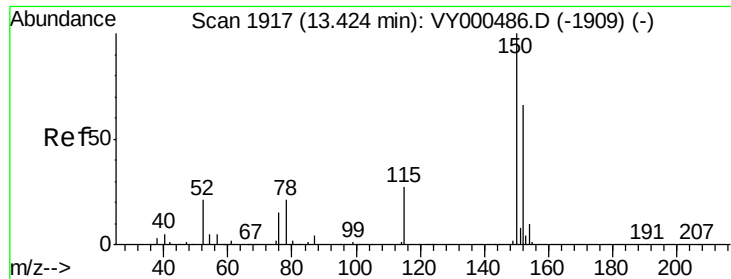
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	161.6
176	77.6	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.8	61.2
119	31.7	26.2	39.2



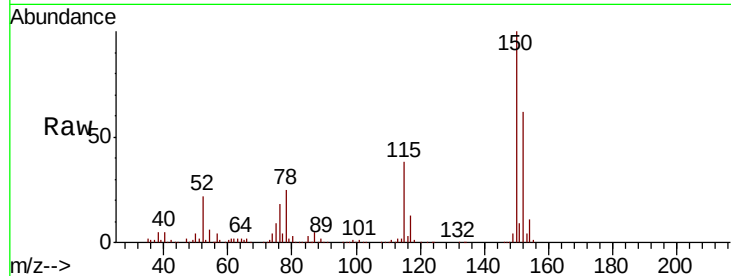


#72

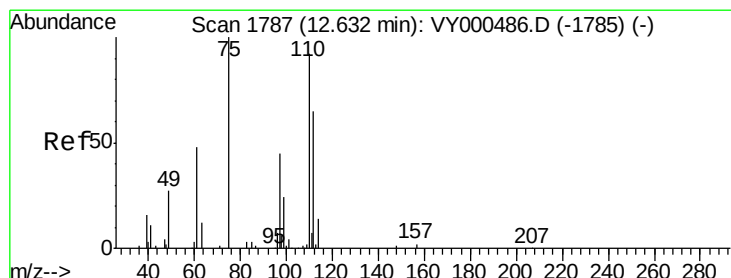
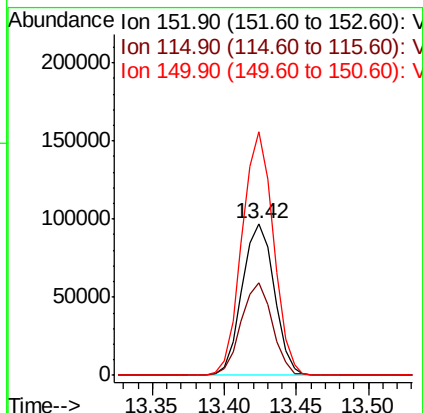
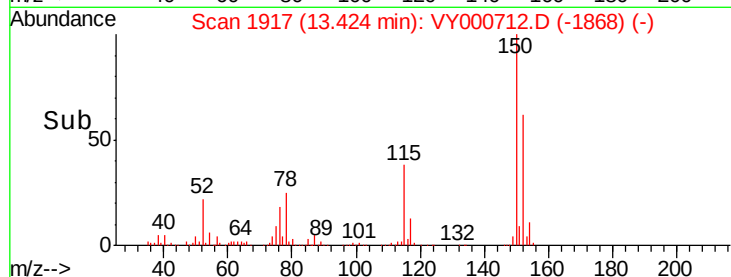
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.4
150	156.8	0.0	348.8



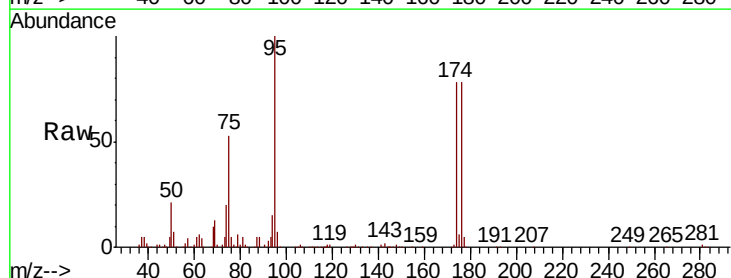
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



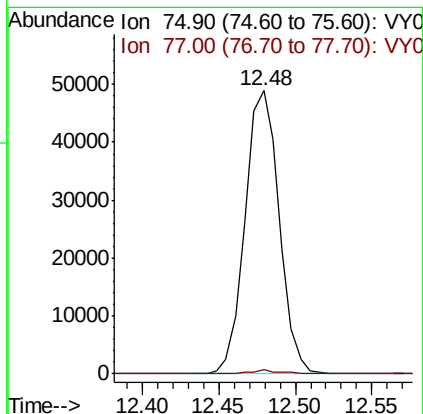
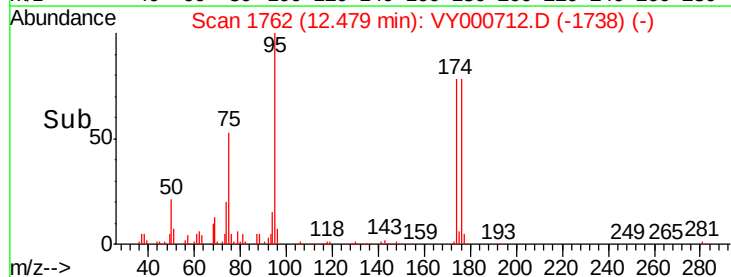
#76

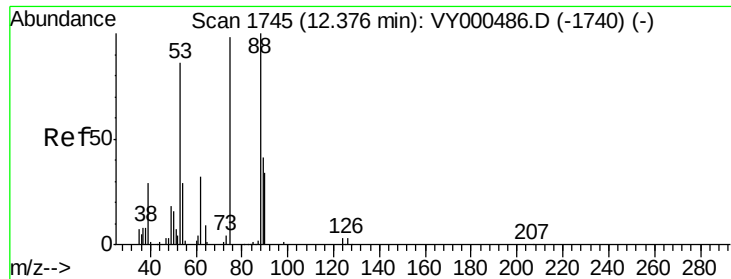
1,2,3-Trichloropropane
Concen: 44.126 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000712.D
Acq: 15 Nov 2019 19:18

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: 98.937 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000712.D

Acq: 15 Nov 2019 19:18

Instrument :

MSVOA_Y

ClientSampleId :

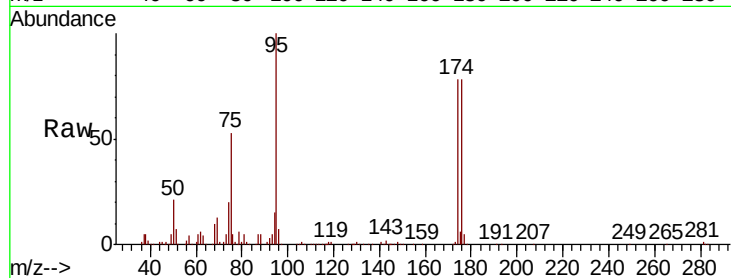
Tot Ion: 75 Resp: 75590

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

