

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000798.D
 Acq On : 26 Nov 2019 13:06
 Operator : SY/MD
 Sample : K6022-05
 Misc : 7.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:30:55 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	263023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	485754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	193081	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	159872	58.73	ug/l	0.00
Spiked Amount			Recovery	=	117.46%	
35) Dibromofluoromethane	7.73	113	143015	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	10.18	98	572519	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.48	95	198885	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

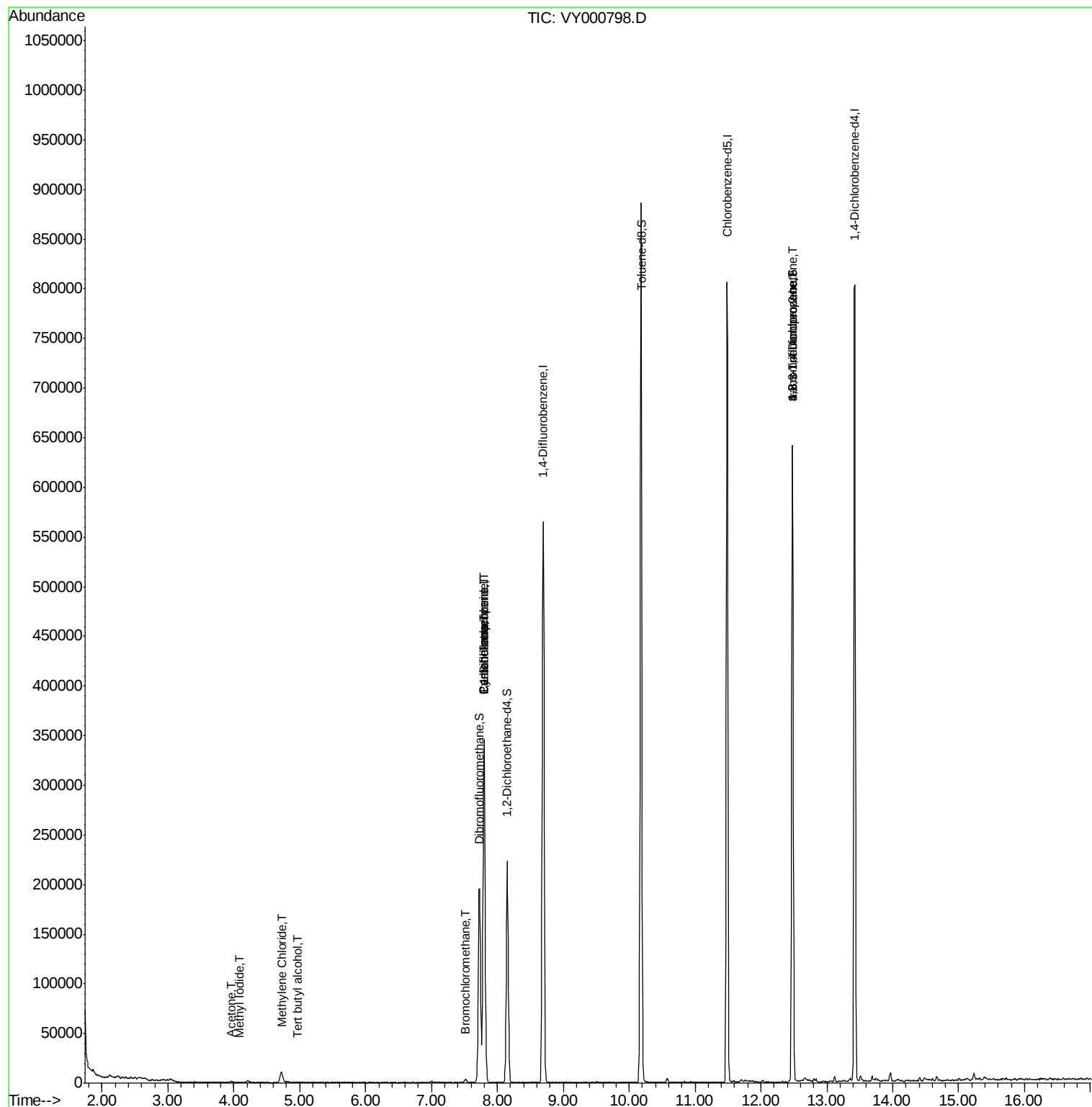
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.09	142	266	3.269	ug/l #	41
11) Tert butyl alcohol	4.97	59	272	1.027	ug/l #	72
16) Acetone	3.96	43	1494	1.991	ug/l #	42
20) Methylene Chloride	4.72	84	8004	2.490	ug/l #	86
28) Bromochloromethane	7.51	49	251	4.193	ug/l #	14
31) Cyclohexane	7.80	56	5542	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	21415	4.663	ug/l #	50
38) Carbon Tetrachloride	7.80	117	26364	5.967	ug/l #	14
76) 1,2,3-Trichloropropane	12.47	75	102885	46.798	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	102885	104.927	ug/l #	13

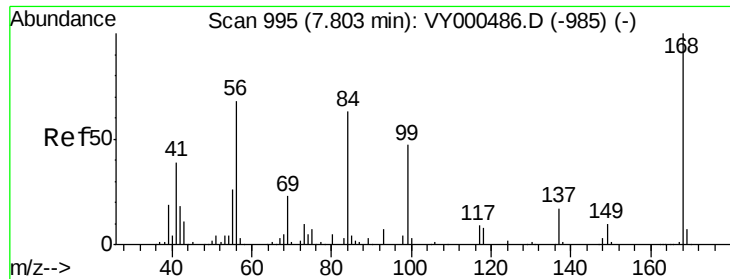
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
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ClientSampleId :

Quant Time: Nov 27 04:30:55 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# 994

Delta R.T. -0.01 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

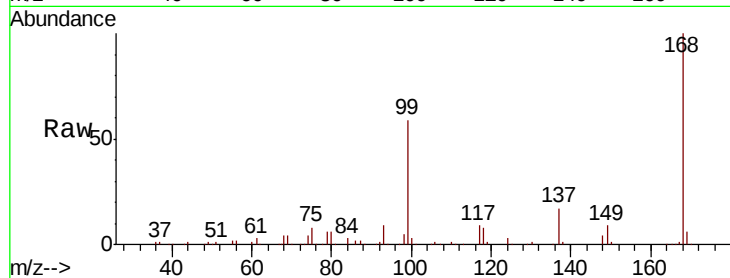
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 263023

Ion Ratio Lower Upper

168 100

99 59.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

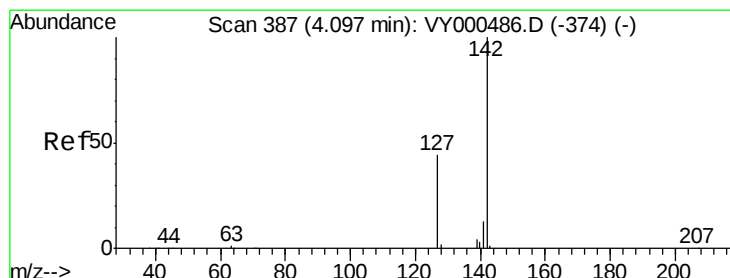
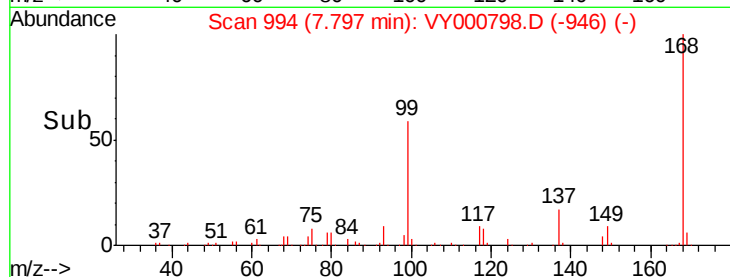
100000

50000

0

Time-->

7.70 7.80 7.90



#10

Methyl Iodide

Concen: 3.269 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

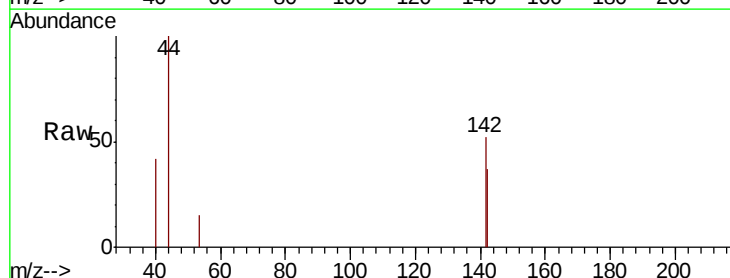
Tgt Ion:142 Resp: 266

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

4.09

400

300

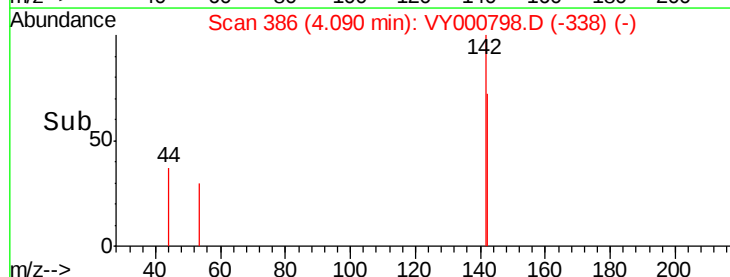
200

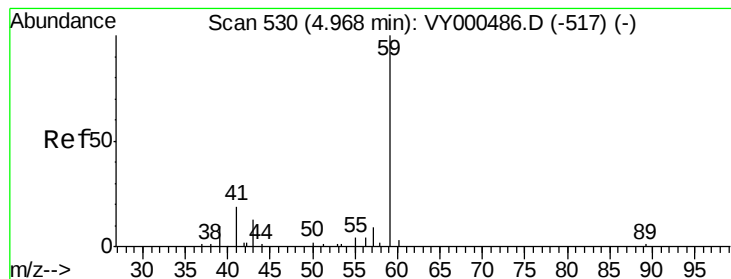
100

0

Time-->

4.06 4.08 4.10



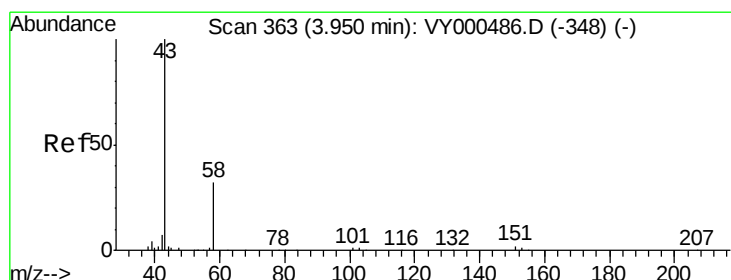
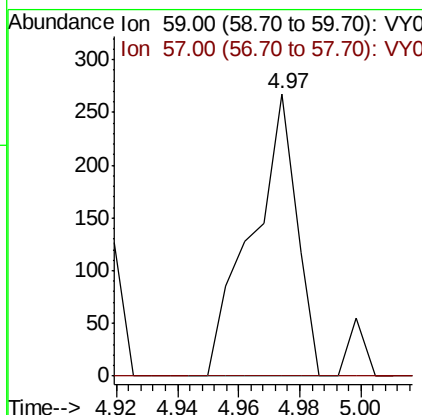
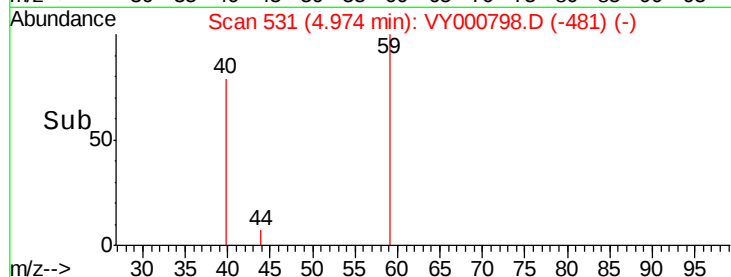
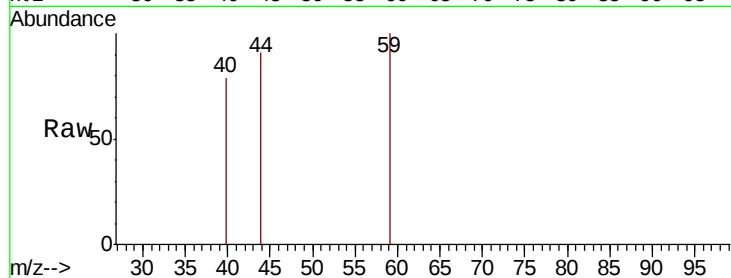


#11

Tert butyl alcohol
 Concen: 1.027 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000798.D
 Acq: 26 Nov 2019 13:06

Instrument :
 MSVOA_Y
 ClientSampled :

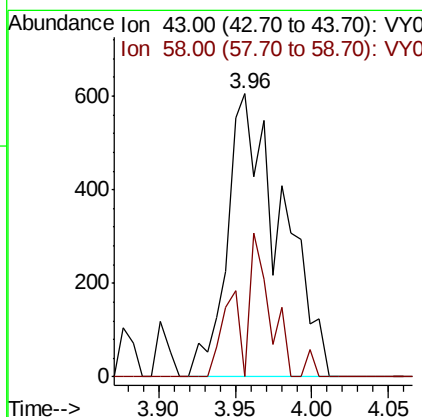
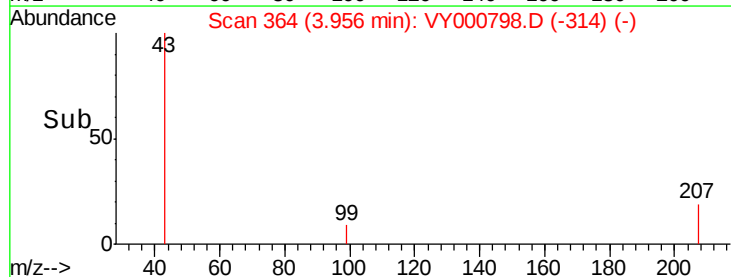
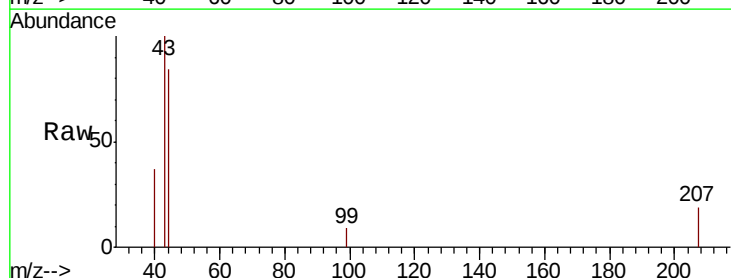
Tot Ion: 59 Resp: 272
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

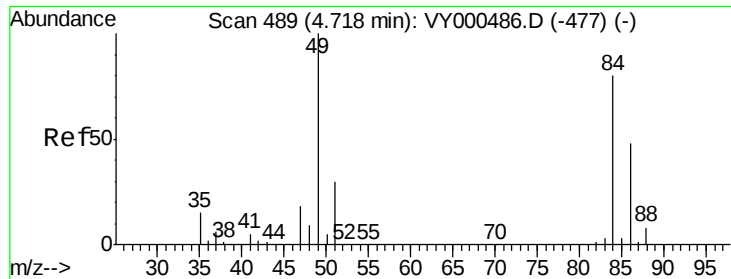


#16

Acetone
 Concen: 1.991 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY000798.D
 Acq: 26 Nov 2019 13:06

Tgt Ion: 43 Resp: 1494
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.8 38.6#

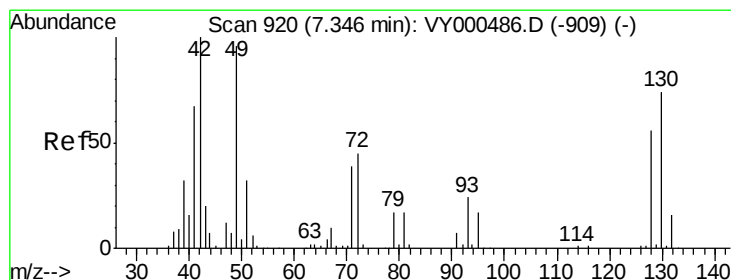
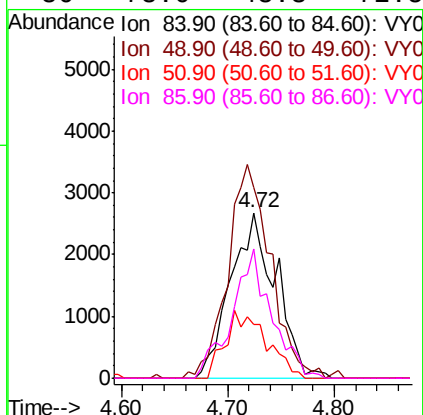
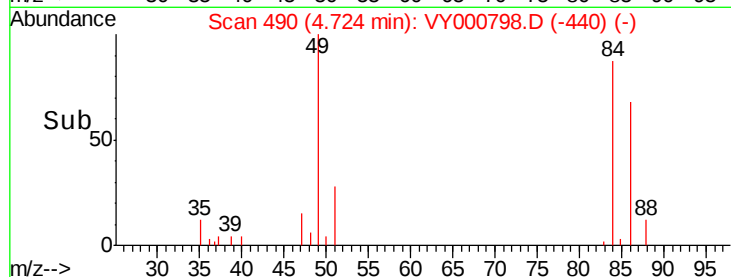
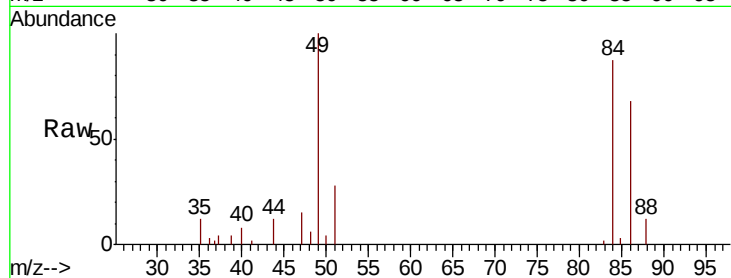




#20
Methvlene Chloride
Concen: 2.490 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

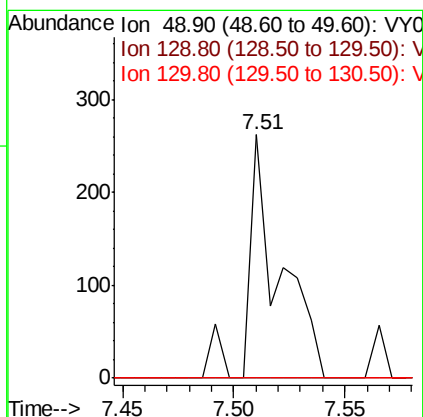
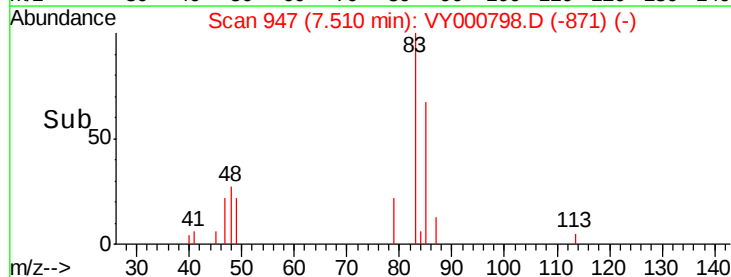
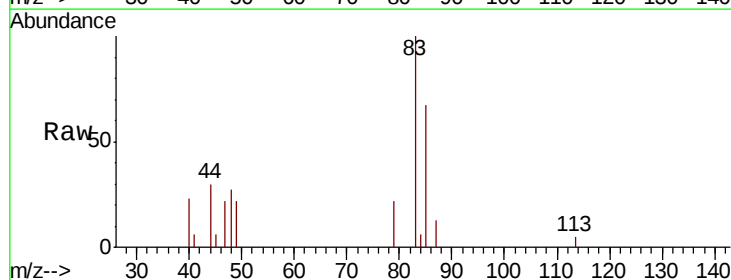
Instrument :
MSVOA_Y
ClientSampleId :

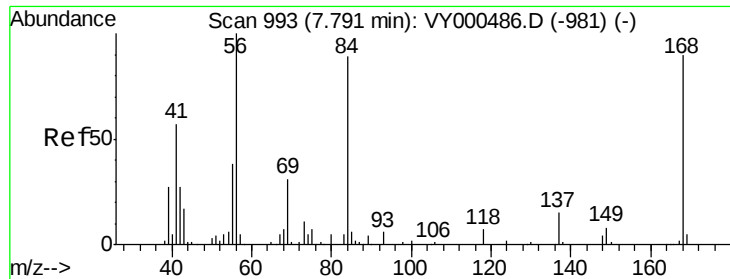
Tot Ion: 84 Resp: 8004
Ion Ratio Lower Upper
84 100
49 111.8 100.2 150.4
51 32.5 29.6 44.4
86 78.0 48.3 72.5#



#28
Bromochloromethane
Concen: 4.193 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.17 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Tgt Ion: 49 Resp: 251
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#

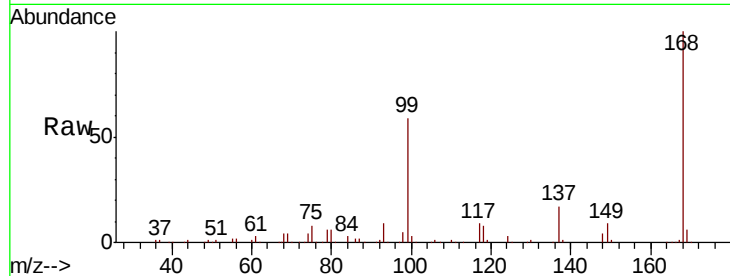




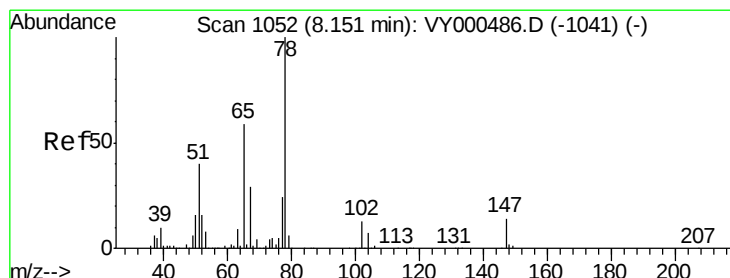
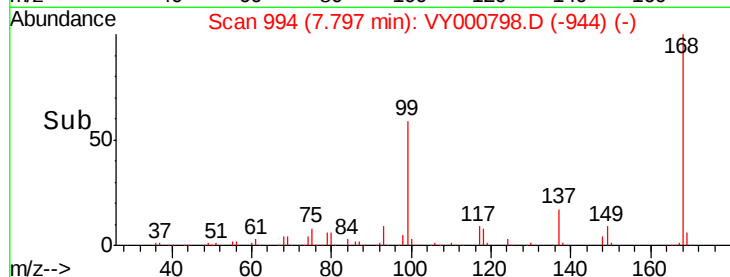
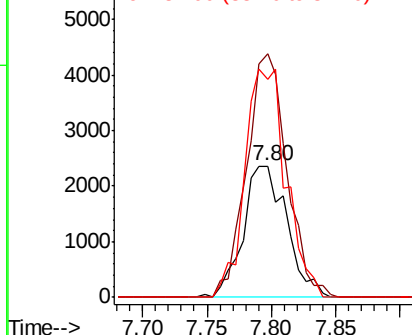
#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5542
Ion Ratio Lower Upper
56 100
69 185.0 25.0 37.6#
84 165.5 71.4 107.2#

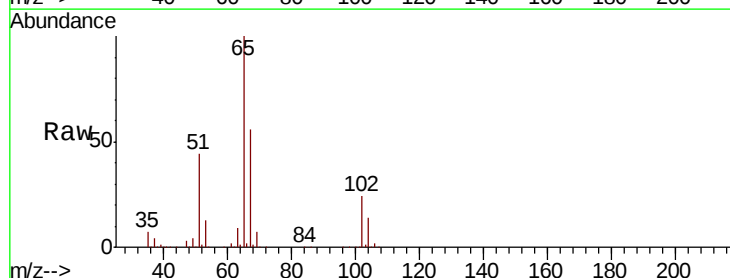


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

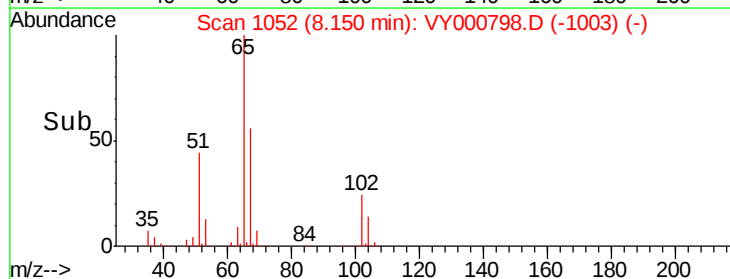
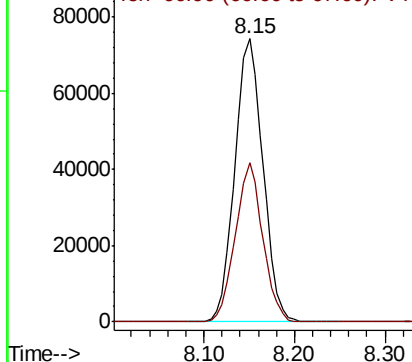


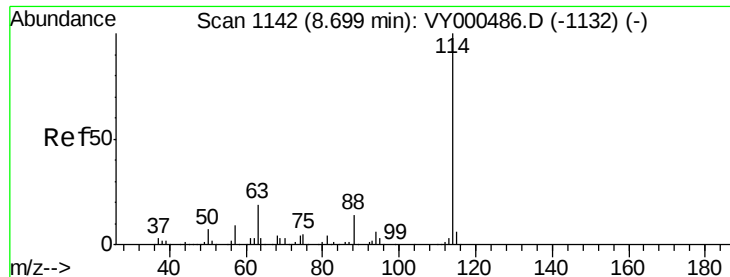
#33
1,2-Dichloroethane-d4
Concen: 58.734 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Tgt Ion: 65 Resp: 159872
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2



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

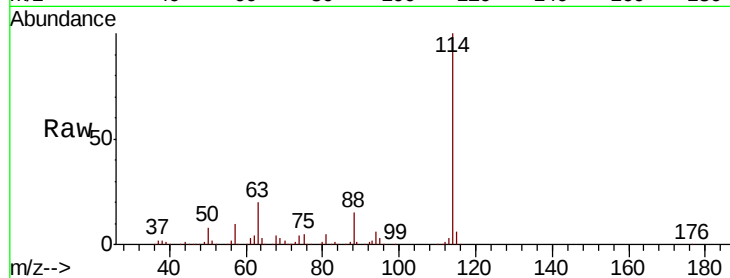




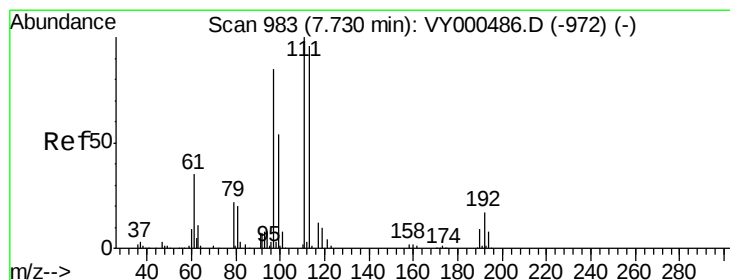
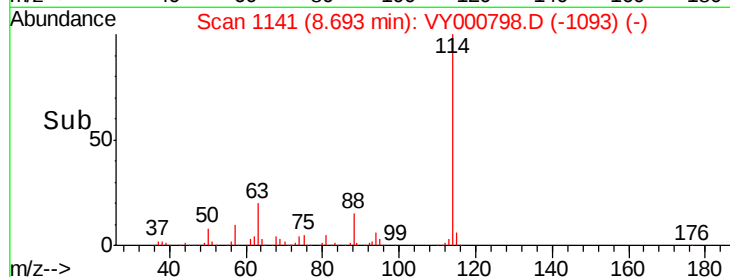
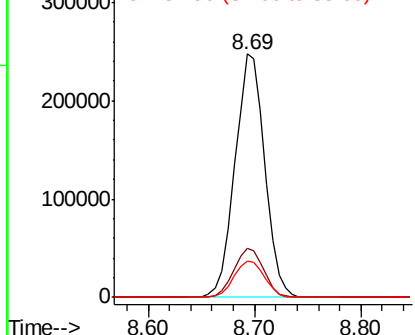
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 485754
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.0
88 15.0 0.0 28.6

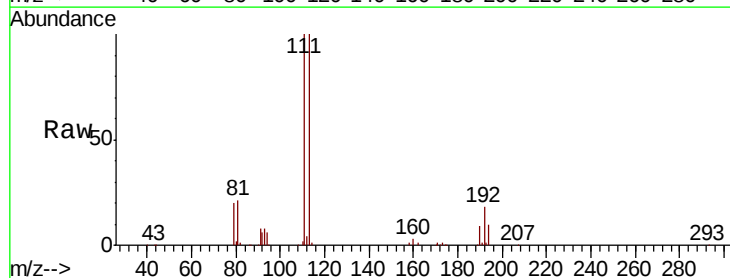


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

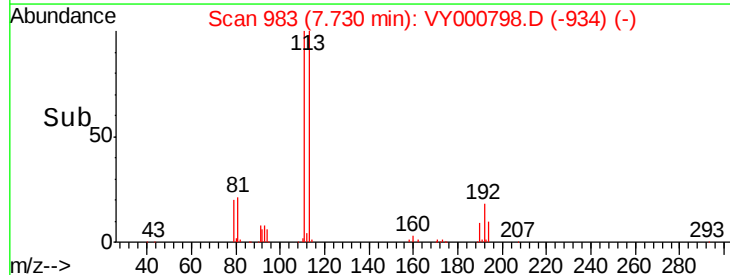
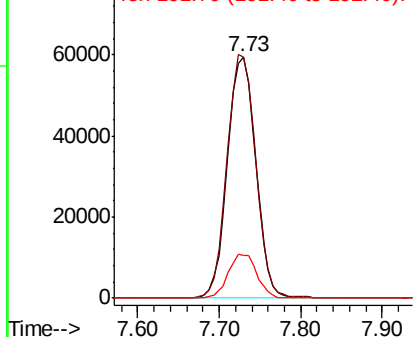


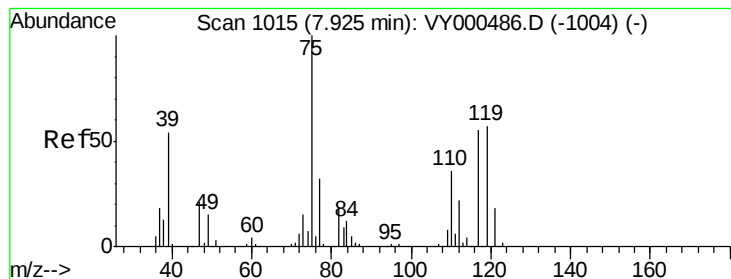
#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Tgt Ion:113 Resp: 143015
Ion Ratio Lower Upper
113 100
111 101.3 81.7 122.5
192 18.1 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: 4.663 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

Instrument :

MSVOA_Y

ClientSampled :

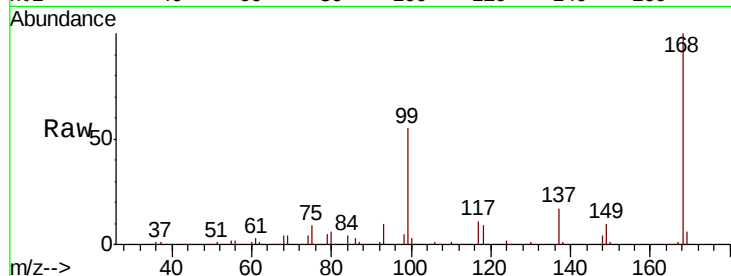
Tot Ion: 75 Resp: 21415

Ion Ratio Lower Upper

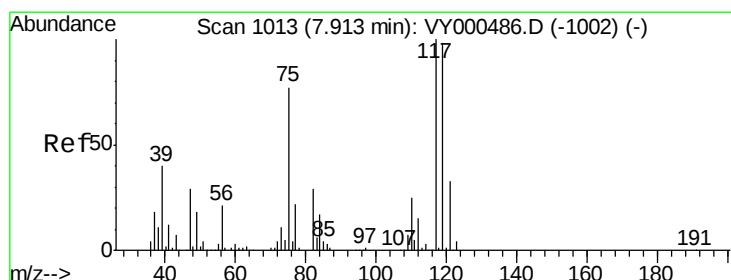
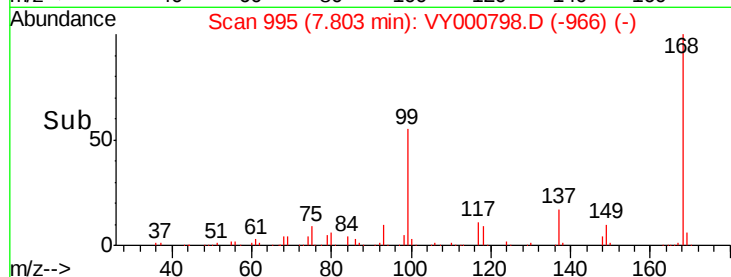
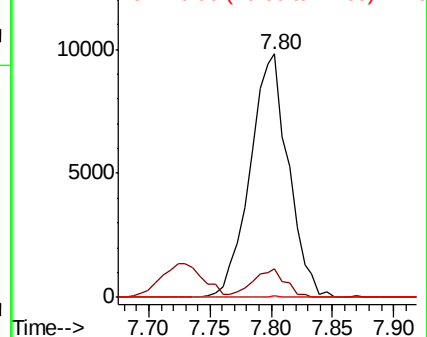
75 100

110 9.8 18.1 54.1#

77 0.1 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: 5.967 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

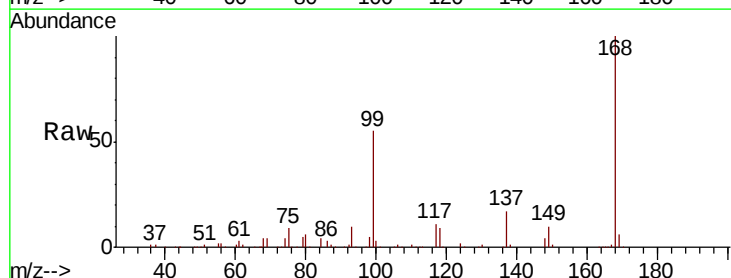
Tgt Ion: 117 Resp: 26364

Ion Ratio Lower Upper

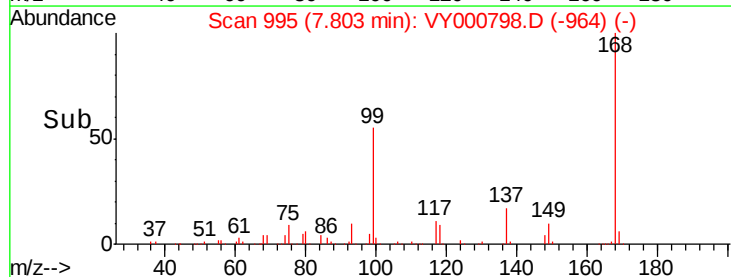
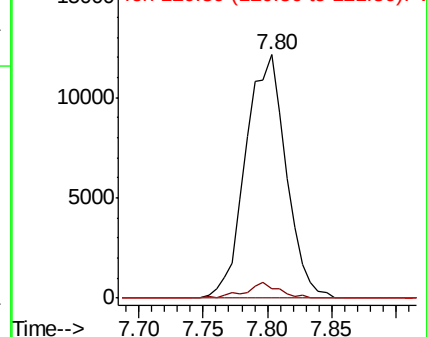
117 100

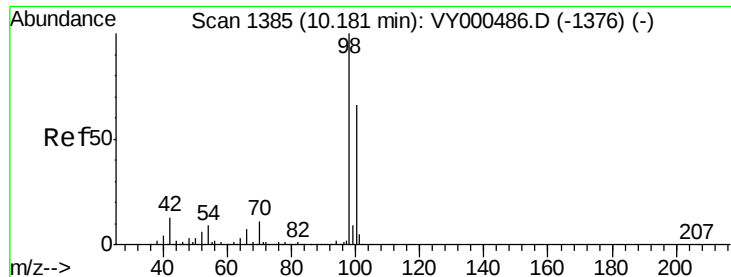
119 4.0 78.0 117.0#

121 0.0 26.6 40.0#



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: 52.910 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

Instrument :

MSVOA_Y

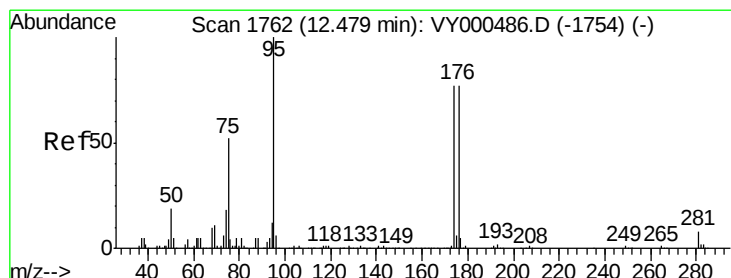
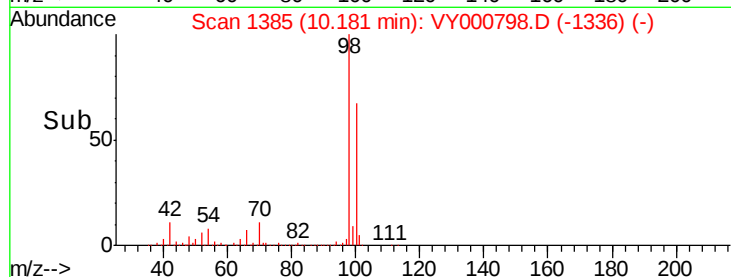
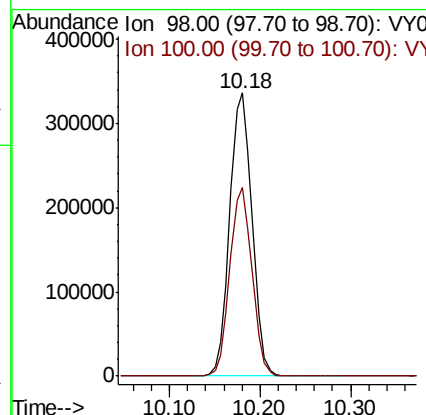
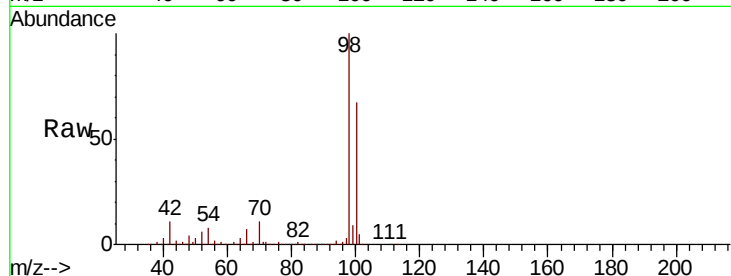
ClientSampleId :

Tot Ion: 98 Resp: 572519

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.281 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

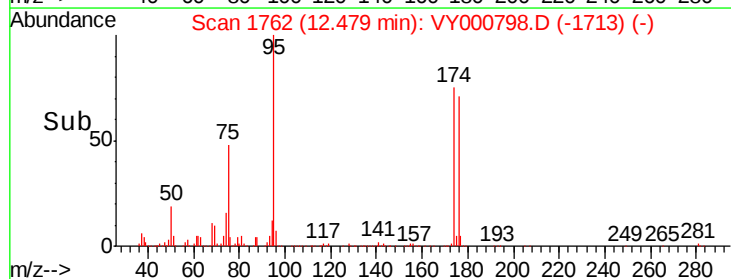
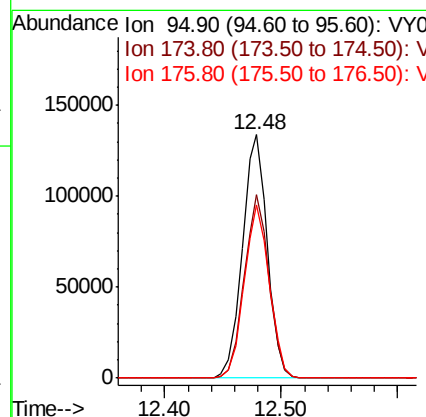
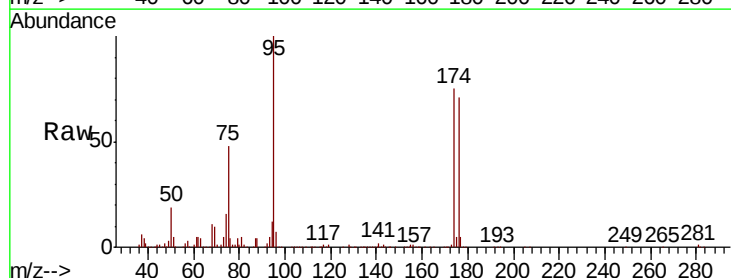
Tgt Ion: 95 Resp: 198885

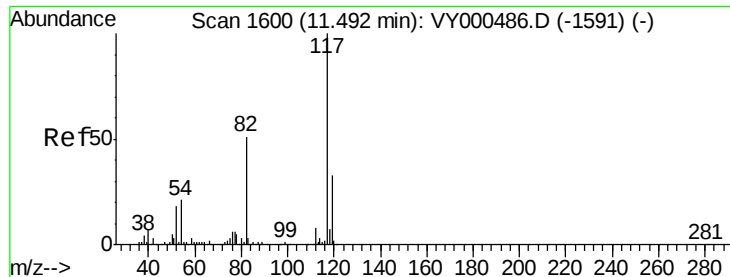
Ion Ratio Lower Upper

95 100

174 74.7 0.0 161.6

176 71.7 0.0 157.8

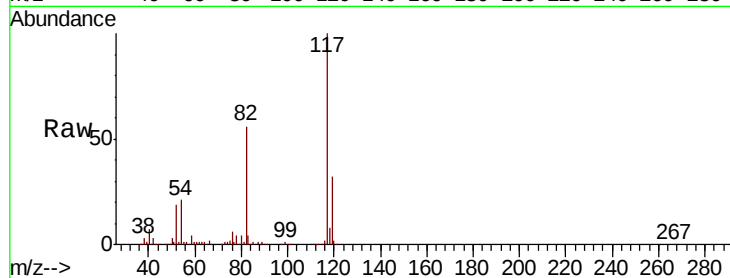




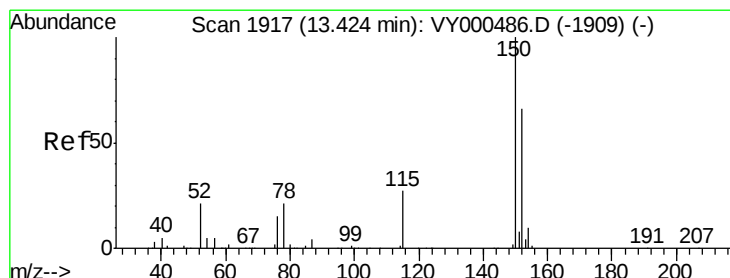
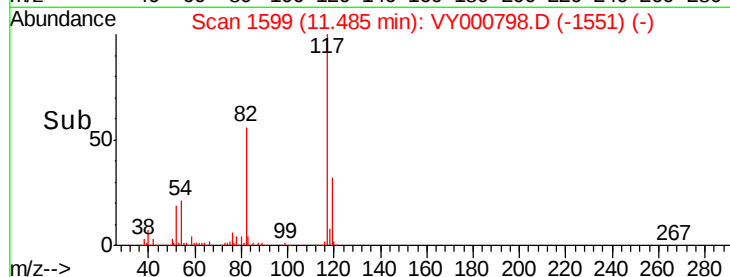
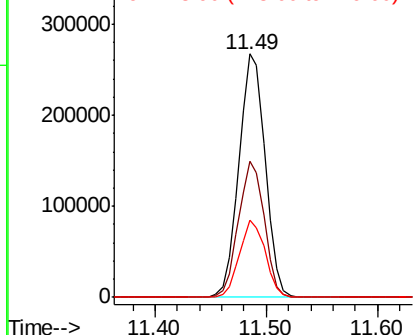
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 436045
Ion Ratio Lower Upper
117 100
82 55.9 40.8 61.2
119 31.5 26.2 39.2

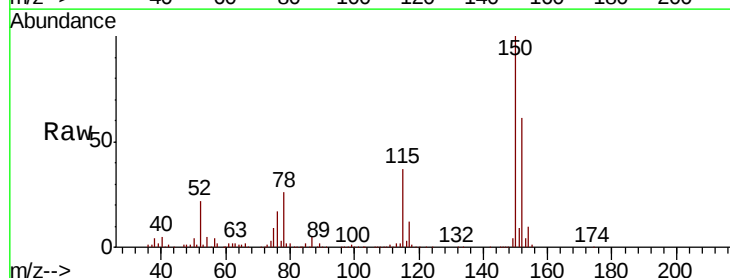


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

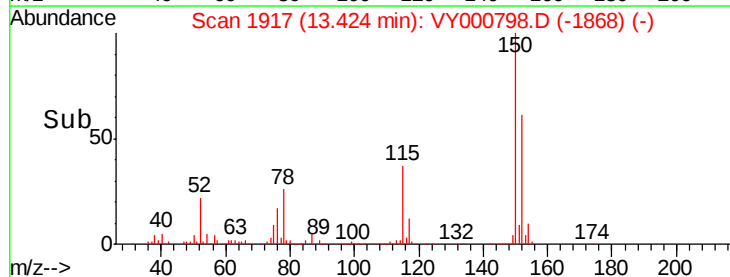
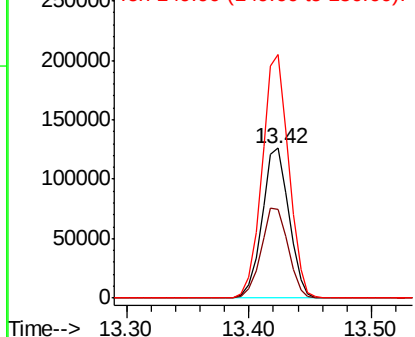


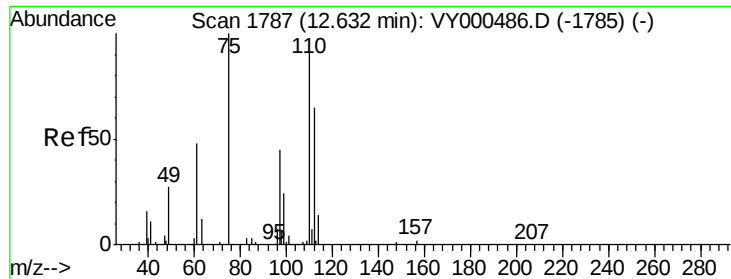
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000798.D
Acq: 26 Nov 2019 13:06

Tgt Ion:152 Resp: 193081
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.4
150 160.4 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: 46.798 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

Instrument :

MSVOA_Y

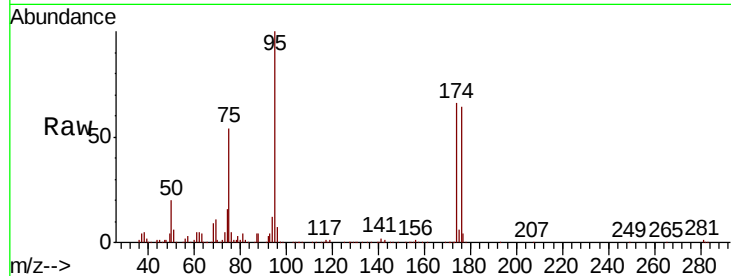
ClientSampleId :

Tot Ion: 75 Resp: 102885

Ion Ratio Lower Upper

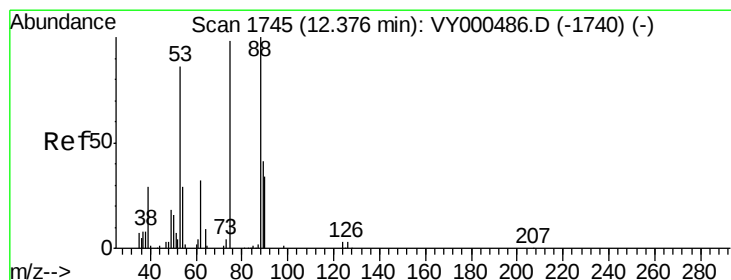
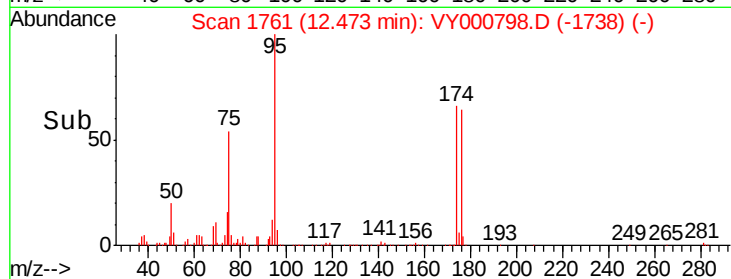
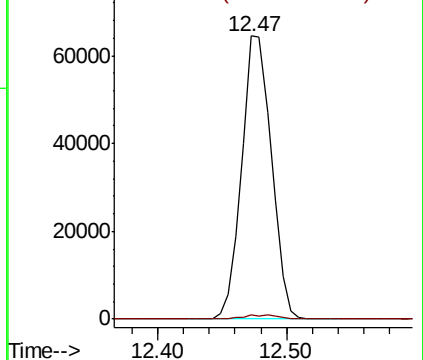
75 100

77 1.8 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: 104.927 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000798.D

Acq: 26 Nov 2019 13:06

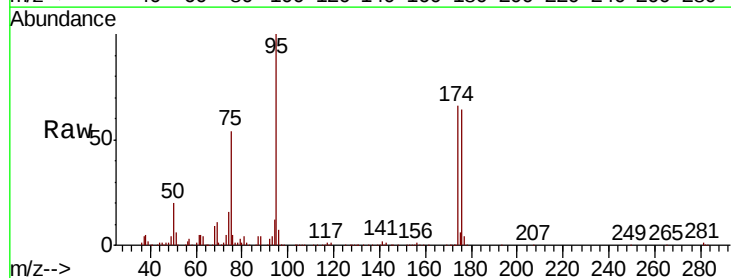
Tgt Ion: 75 Resp: 102885

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 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

