

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000800.D
 Acq On : 26 Nov 2019 13:50
 Operator : SY/MD
 Sample : K6022-13
 Misc : 6.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:31:19 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

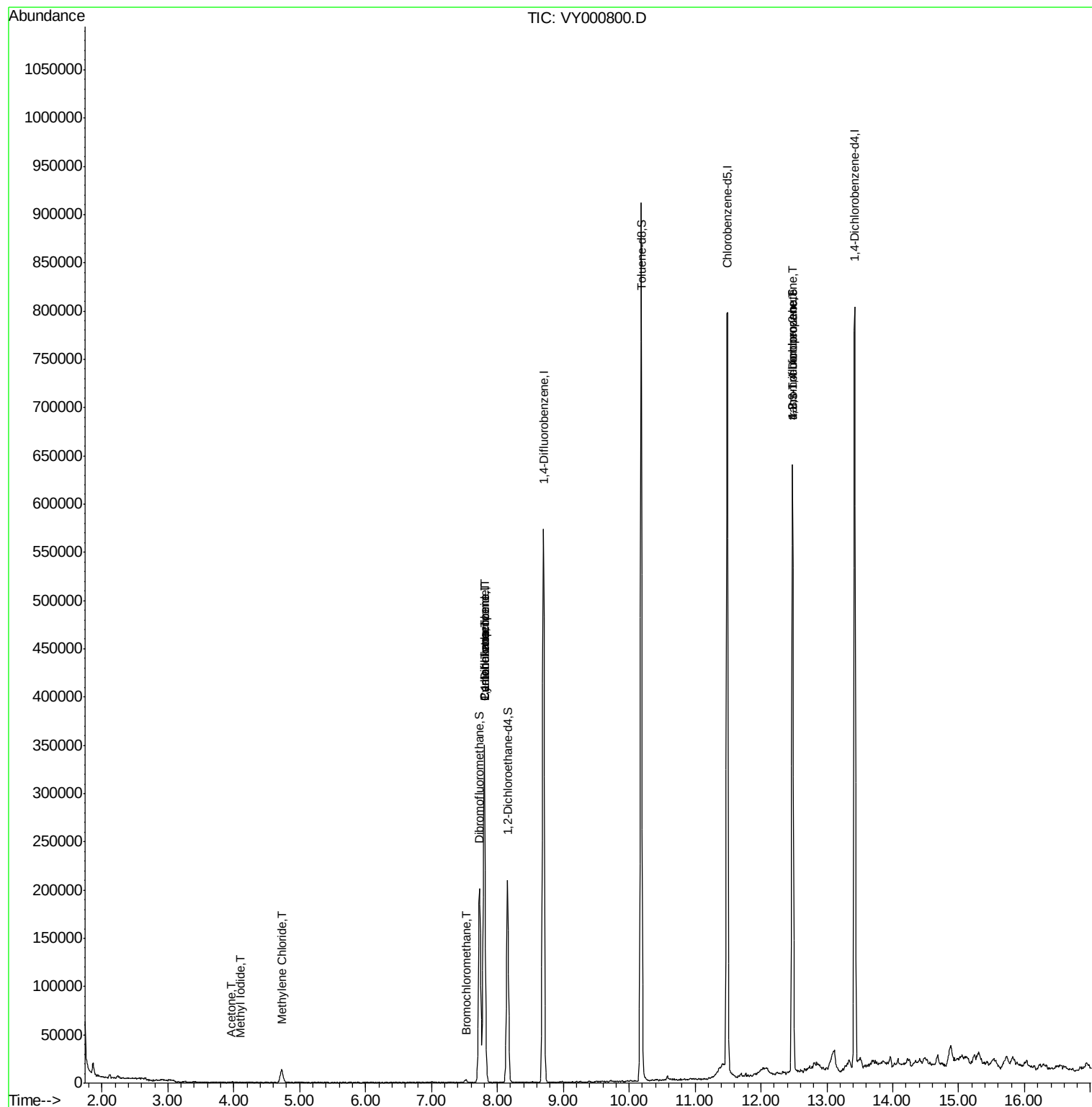
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	258640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	489820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	156917	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.26%	
35) Dibromofluoromethane	7.73	113	143438	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.18	98	575029	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.48	95	197132	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	287	3.276	ug/l #	53
16) Acetone	3.96	43	1547	2.097	ug/l #	42
20) Methylene Chloride	4.72	84	9784	3.095	ug/l	90
28) Bromochloromethane	7.52	49	307	4.218	ug/l #	14
31) Cyclohexane	7.80	56	6342	1.224	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	22267	4.809	ug/l #	49
38) Carbon Tetrachloride	7.80	117	26395	5.924	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	103774	47.281	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	103774	106.010	ug/l #	13

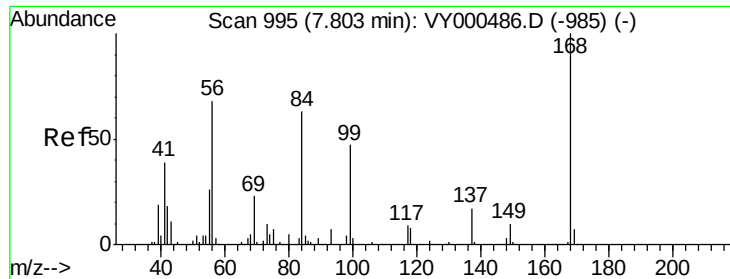
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000800.D

Acq: 26 Nov 2019 13:50

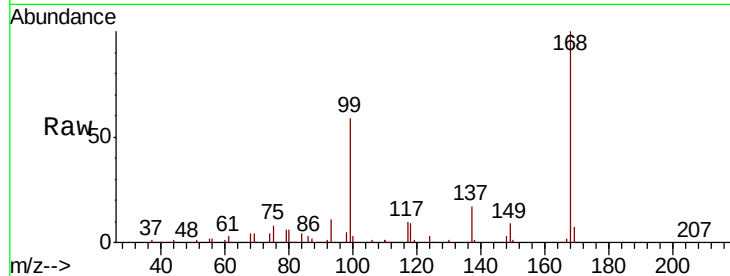
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 258640

Ion Ratio Lower Upper

168 100

99 59.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

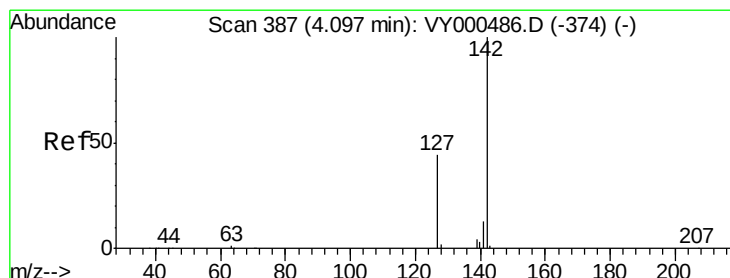
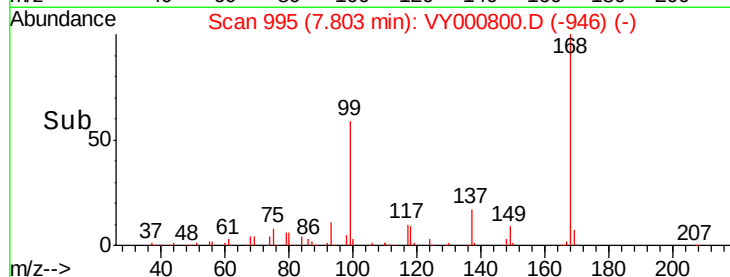
7.80

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.276 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

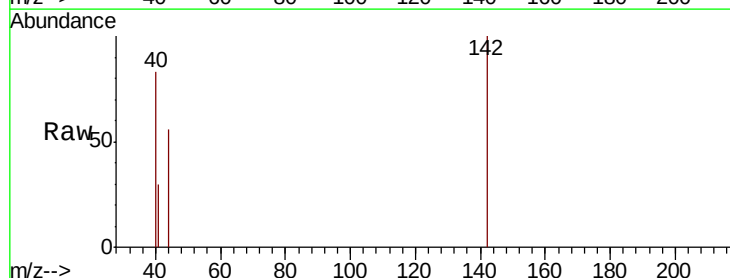
Tgt Ion:142 Resp: 287

Ion Ratio Lower Upper

142 100

127 9.8 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

4.10

300

250

200

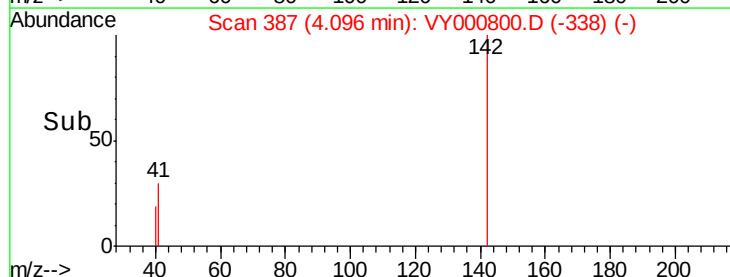
150

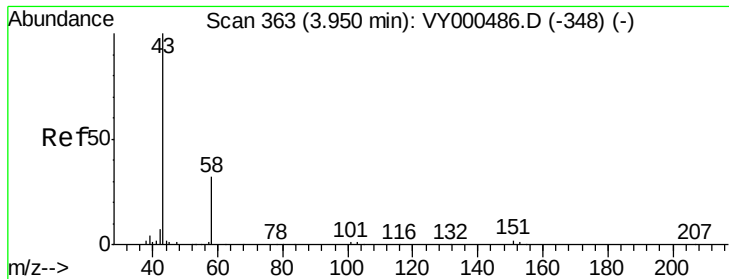
100

50

0

Time-->





#16

Acetone

Concen: 2.097 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

Instrument :

MSVOA_Y

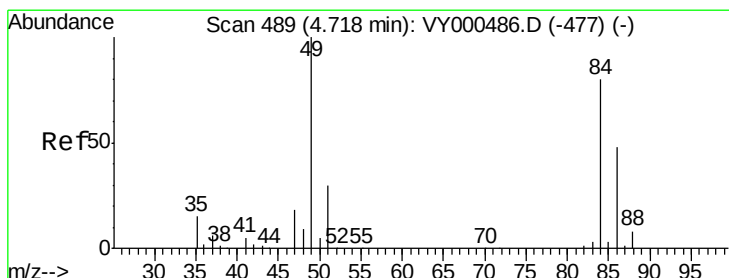
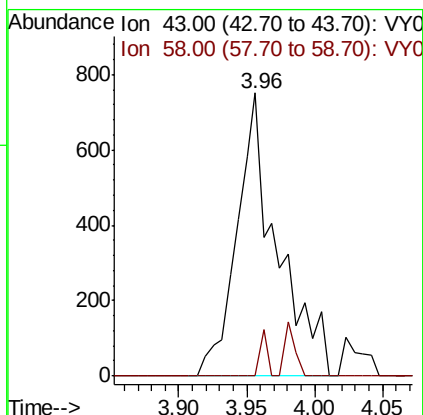
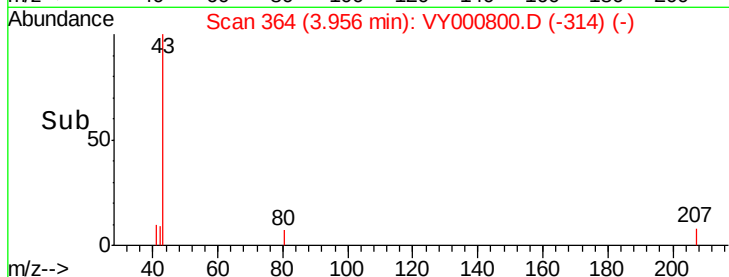
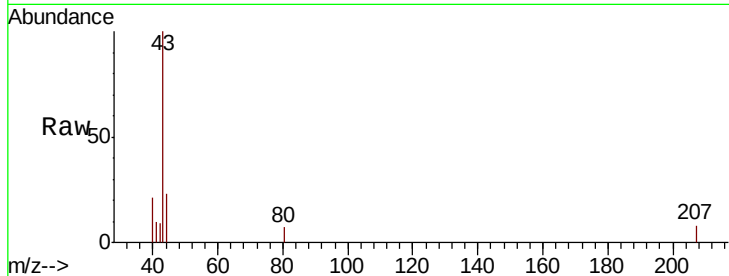
ClientSampleId :

Tot Ion: 43 Resp: 1547

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#20

Methylene Chloride

Concen: 3.095 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

Tgt Ion: 84 Resp: 9784

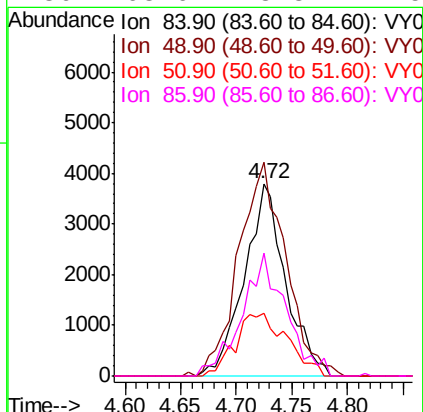
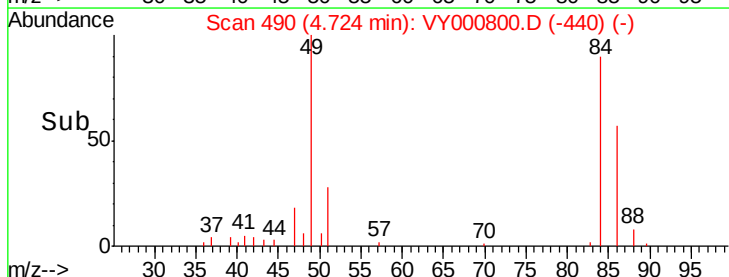
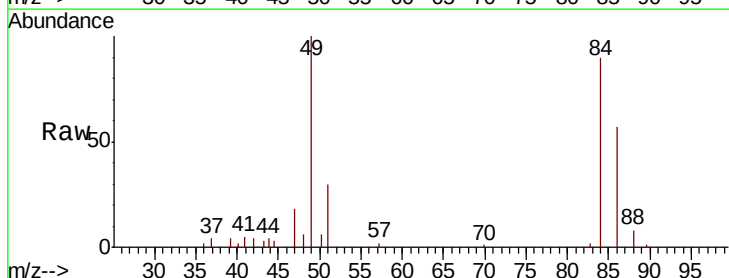
Ion Ratio Lower Upper

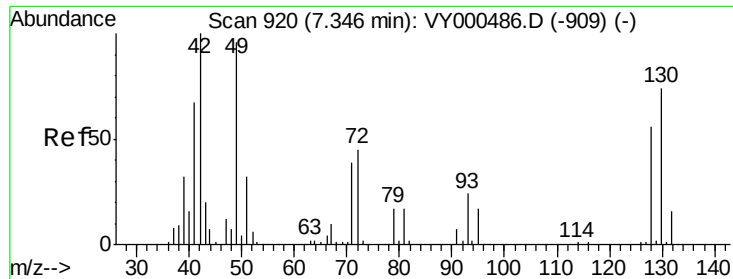
84 100

49 109.0 100.2 150.4

51 32.9 29.6 44.4

86 63.6 48.3 72.5





#28

Bromochloromethane

Concen: 4.218 ug/l

RT: 7.52 min Scan# 948

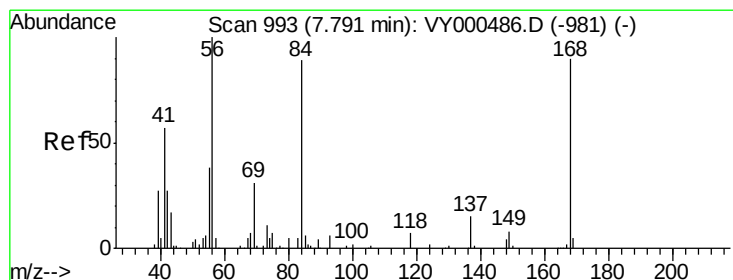
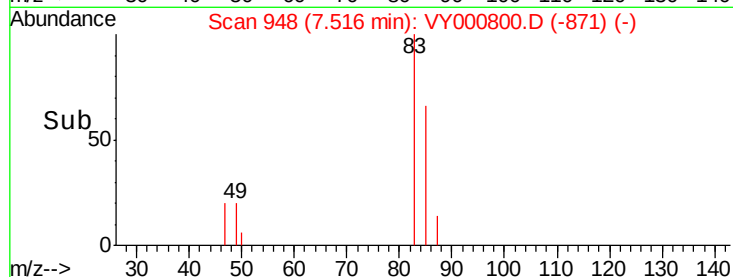
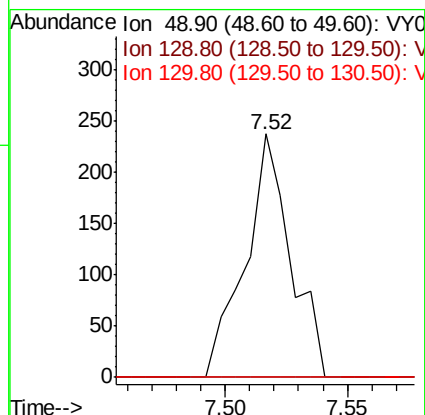
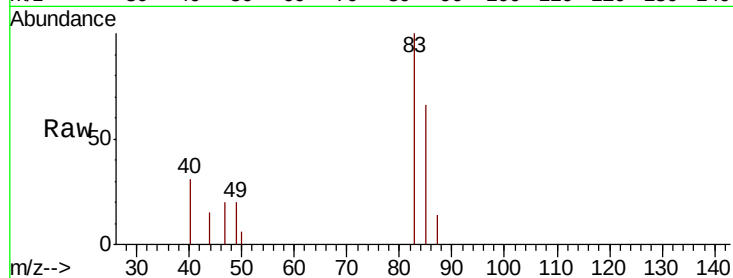
Delta R.T. 0.17 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 49 Resp: 307
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#



#31

Cyclohexane

Concen: 1.224 ug/l

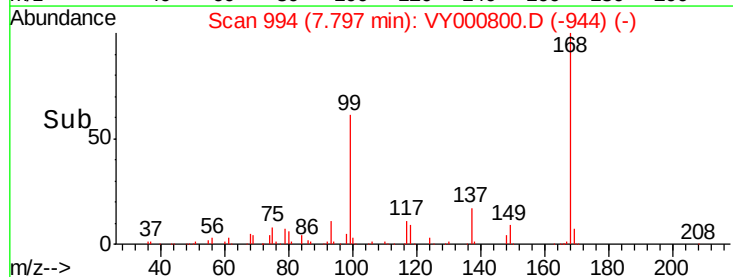
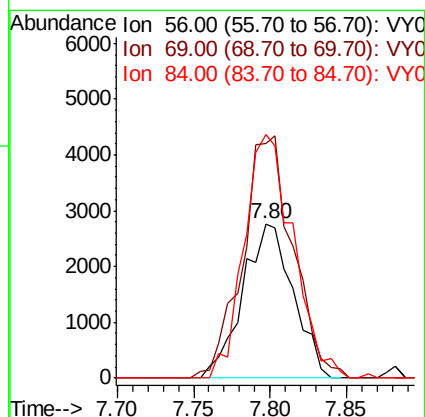
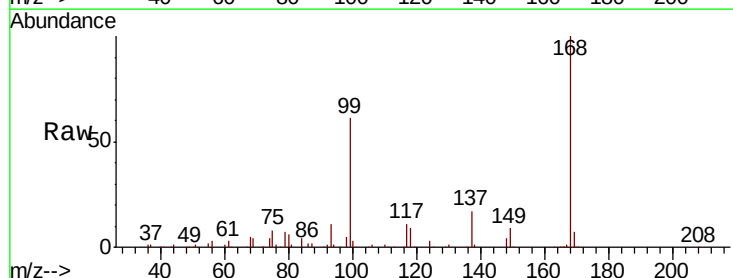
RT: 7.80 min Scan# 994

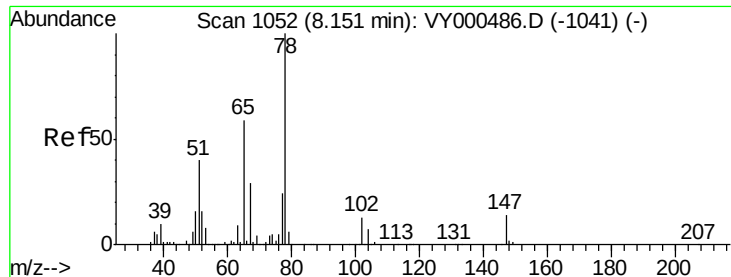
Delta R.T. 0.01 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

Tgt Ion: 56 Resp: 6342
Ion Ratio Lower Upper
56 100
69 152.0 25.0 37.6#
84 157.6 71.4 107.2#

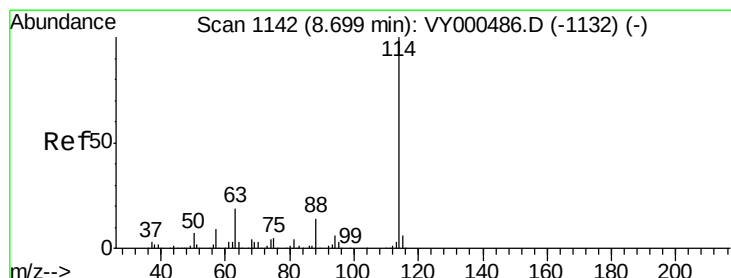
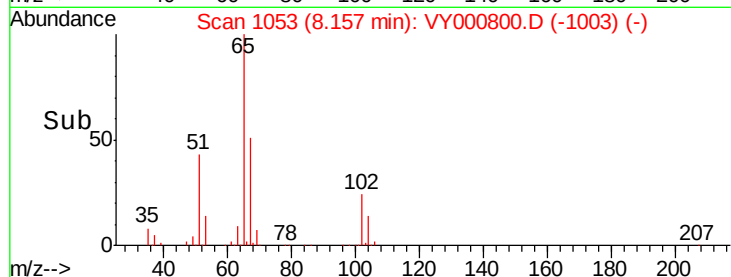
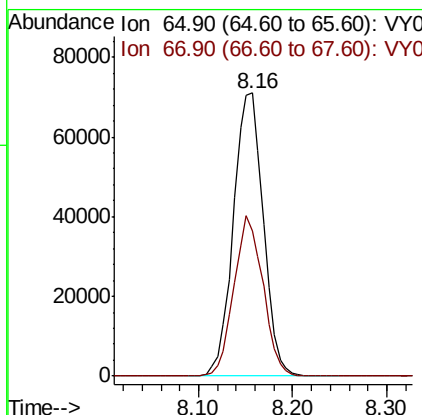
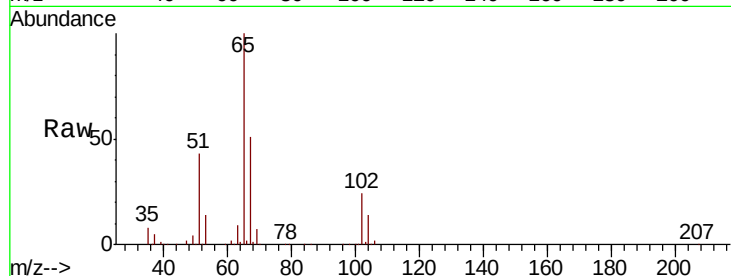




#33
 1,2-Dichloroethane-d4
 Concen: 58.626 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000800.D
 Acq: 26 Nov 2019 13:50

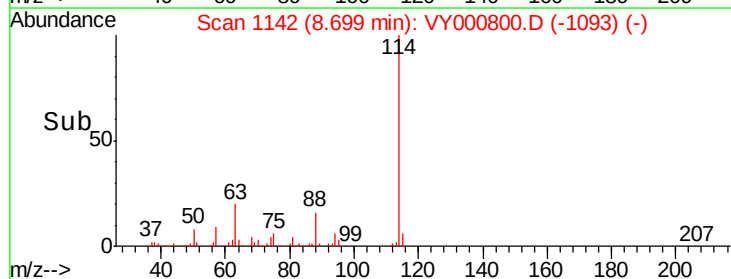
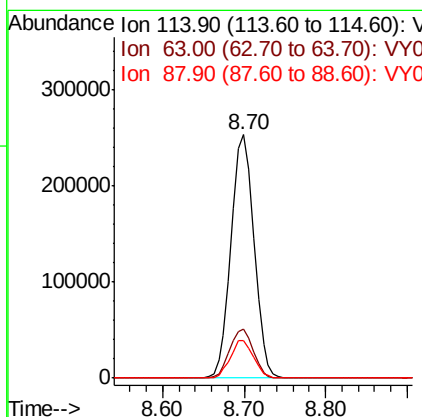
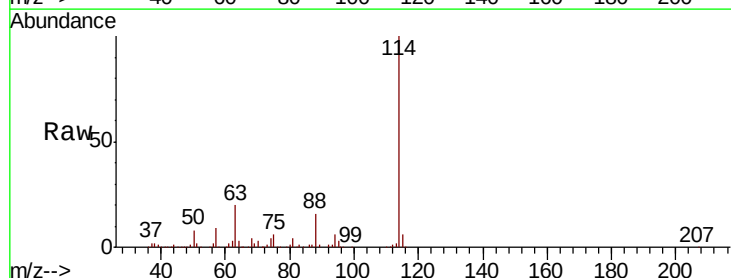
Instrument :
 MSVOA_Y
 ClientSampleId :

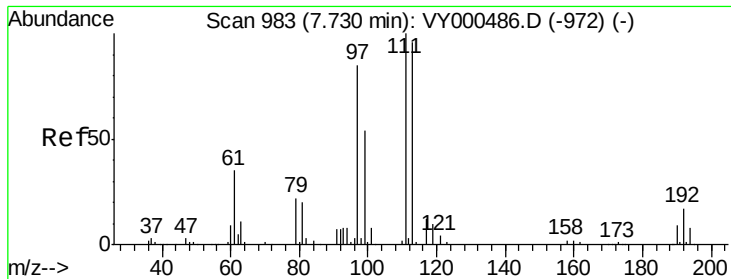
Tot Ion: 65 Resp: 156917
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000800.D
 Acq: 26 Nov 2019 13:50

Tgt Ion: 114 Resp: 489820
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.5 0.0 28.6

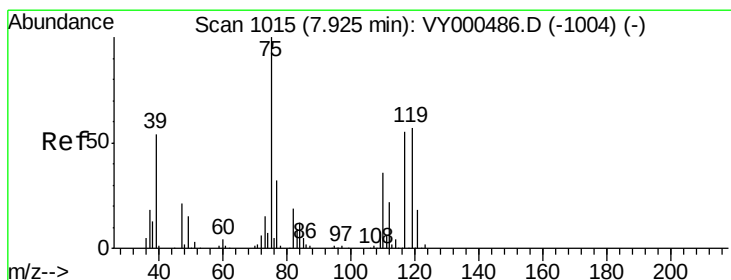
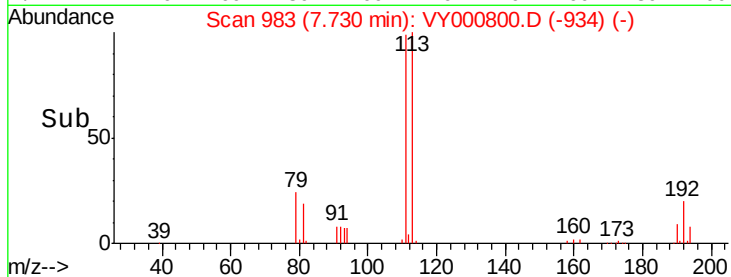
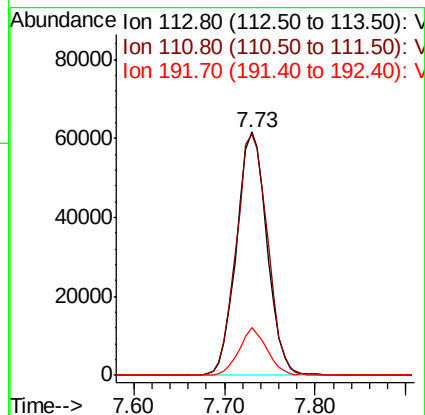
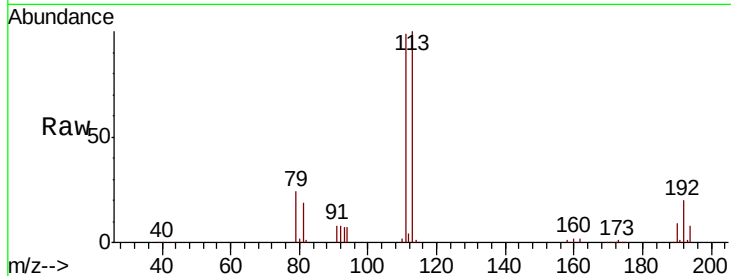




#35
 Dibromofluoromethane
 Concen: 49.882 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000800.D
 Acq: 26 Nov 2019 13:50

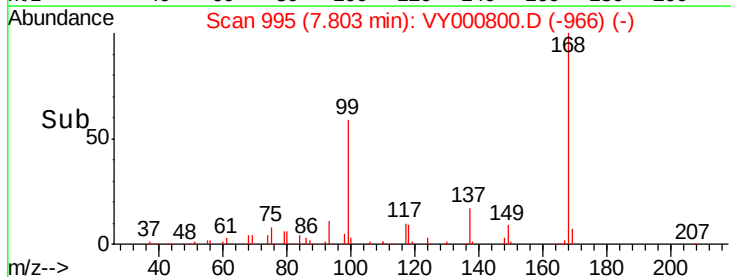
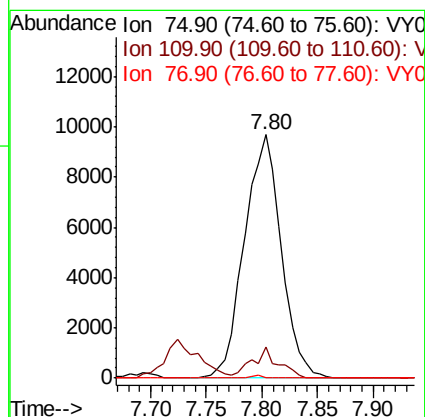
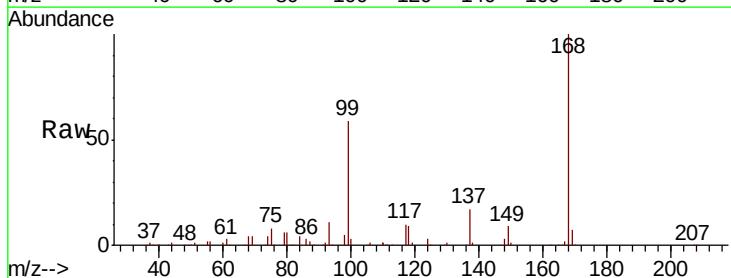
Instrument :
 MSVOA_Y
 ClientSampleId :

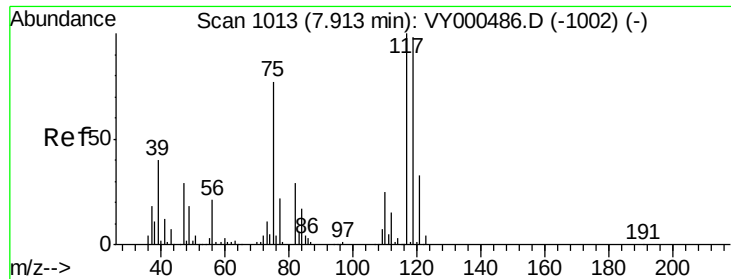
Tot Ion:113 Resp: 143438
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 18.1 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.809 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000800.D
 Acq: 26 Nov 2019 13:50

Tgt Ion: 75 Resp: 22267
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.1#
 77 0.3 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.924 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

Instrument :

MSVOA_Y

ClientSampled :

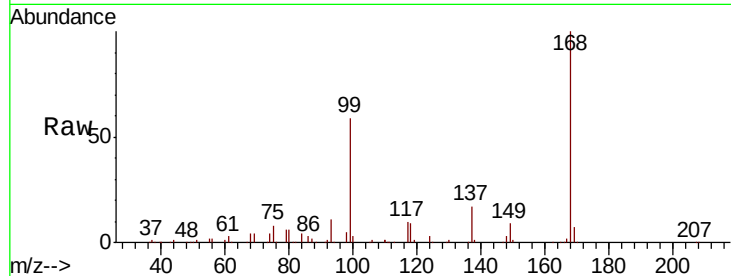
Tot Ion:117 Resp: 26395

Ion Ratio Lower Upper

117 100

119 7.0 78.0 117.0#

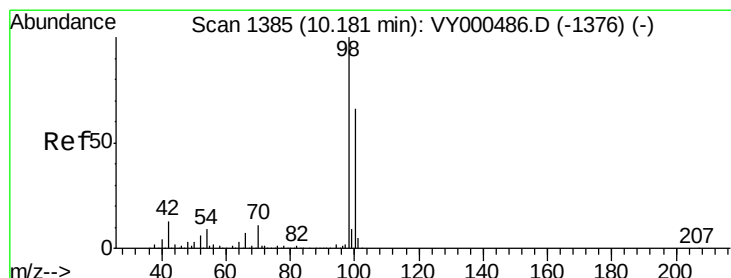
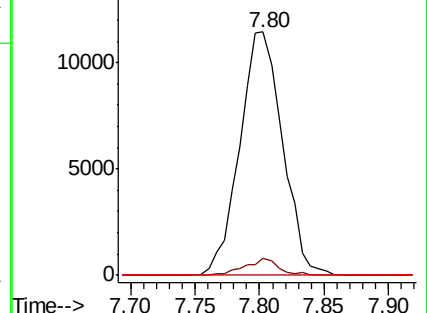
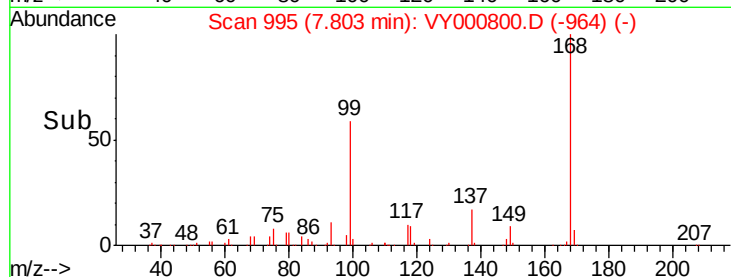
121 0.0 26.6 40.0#



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: 52.701 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000800.D

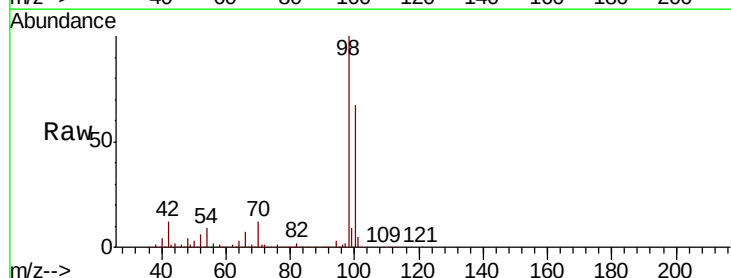
Acq: 26 Nov 2019 13:50

Tgt Ion: 98 Resp: 575029

Ion Ratio Lower Upper

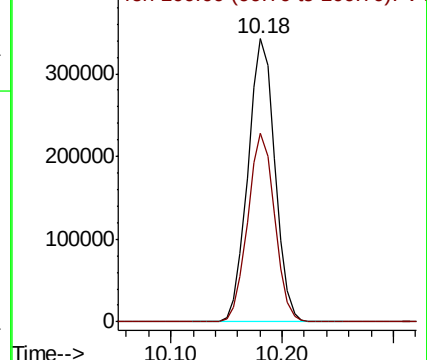
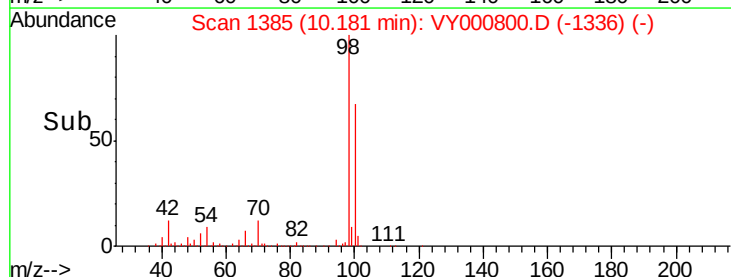
98 100

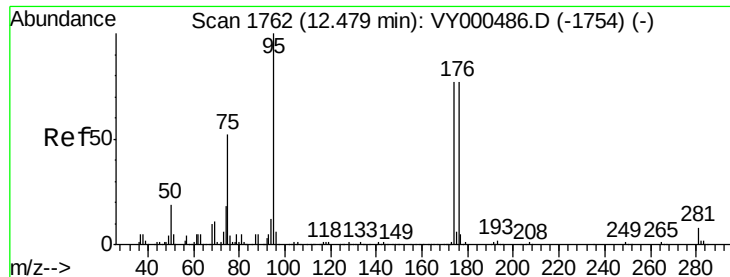
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

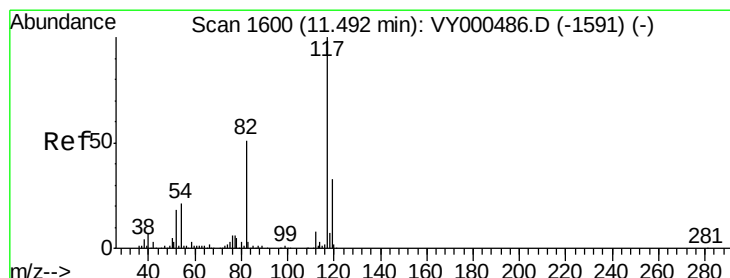
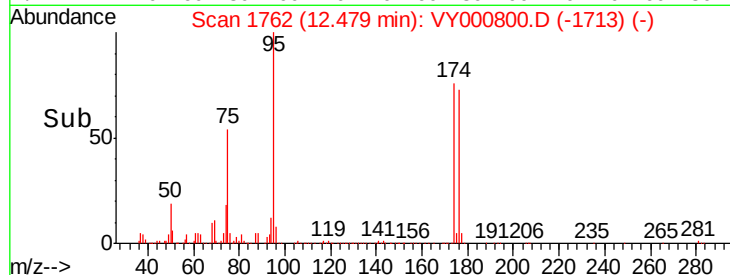
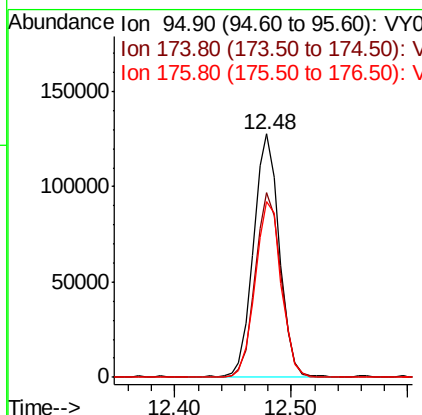
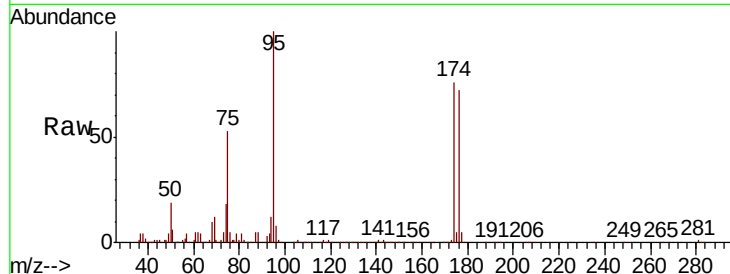




#62
 4-Bromofluorobenzene
 Concen: 47.458 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000800.D
 Acq: 26 Nov 2019 13:50

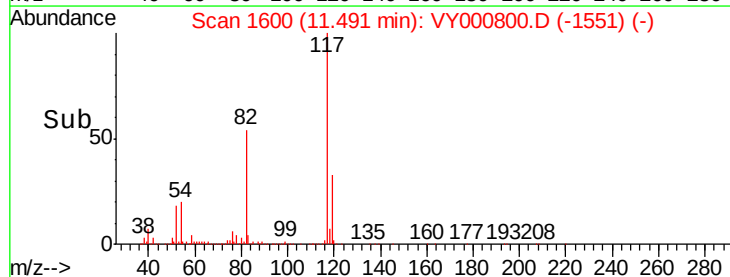
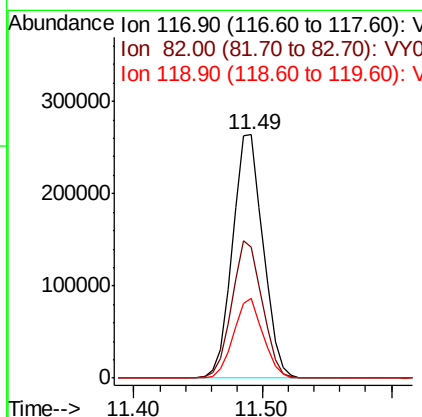
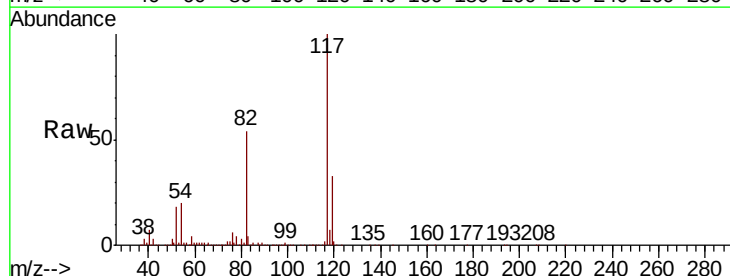
Instrument :
 MSVOA_Y
 ClientSampleId :

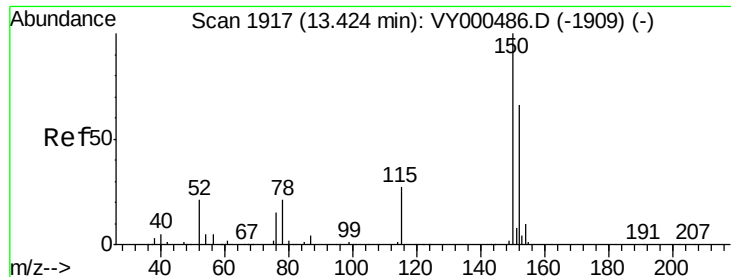
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	161.6
176	73.2	0.0	157.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VY000800.D
 Acq: 26 Nov 2019 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	40.8	61.2
119	32.8	26.2	39.2



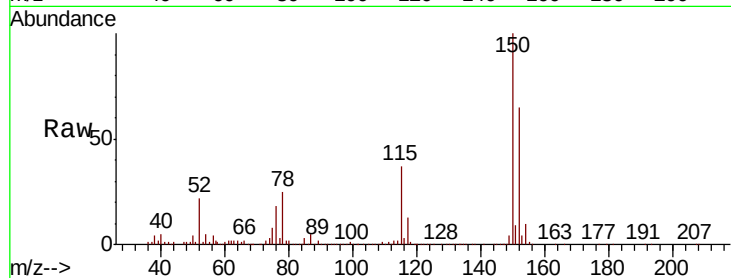


#72

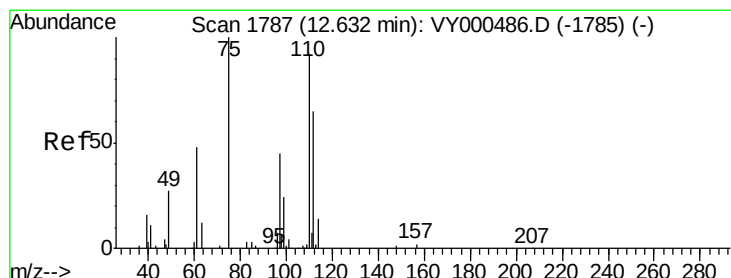
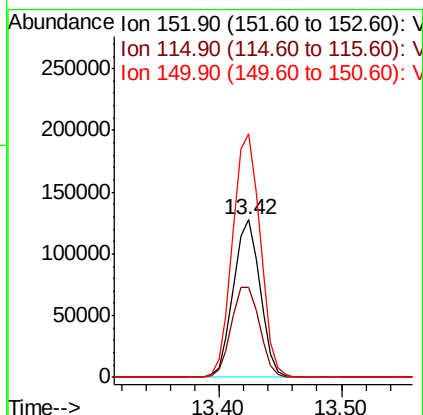
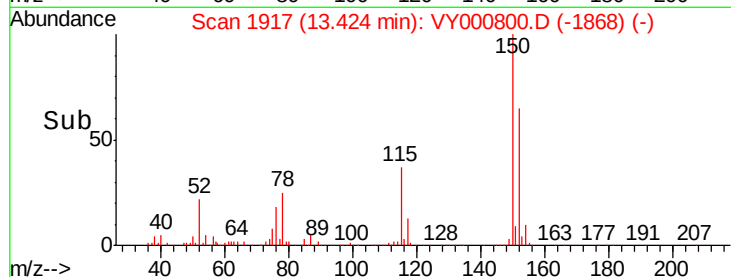
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000800.D
Acq: 26 Nov 2019 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.1	87.4
150	159.2	0.0	348.8



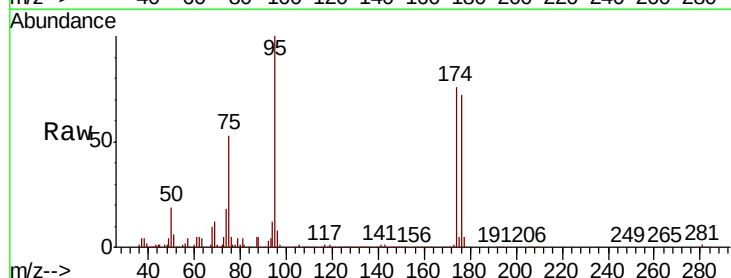
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



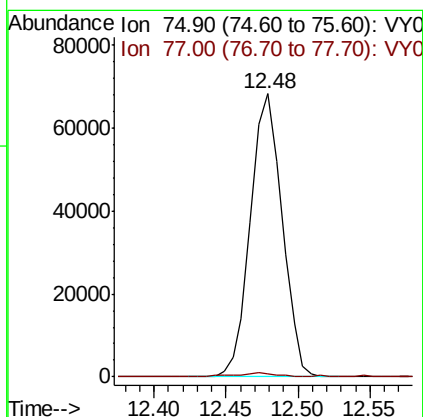
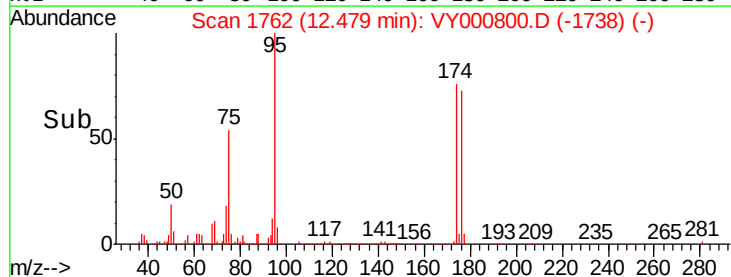
#76

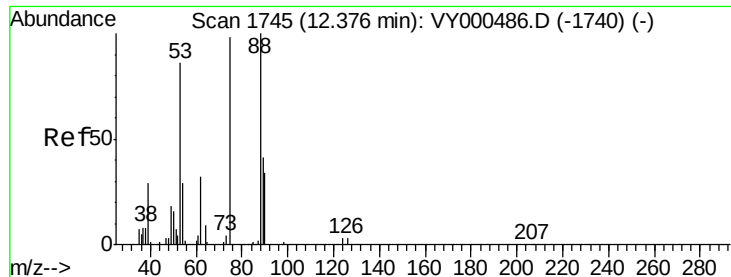
1,2,3-Trichloropropane
Concen: 47.281 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000800.D
Acq: 26 Nov 2019 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	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: 106.010 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000800.D

Acq: 26 Nov 2019 13:50

Instrument :

MSVOA_Y

ClientSampleId :

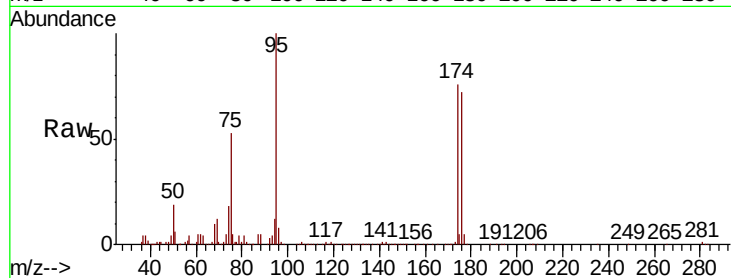
Tot Ion: 75 Resp: 103774

Ion Ratio Lower Upper

75 100

53 0.7 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

