

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110719\
 Data File : VY000583.D
 Acq On : 07 Nov 2019 16:12
 Operator : SY/MD
 Sample : K5723-14
 Misc : 4.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 03:47:58 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	239663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	431935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	143232	57.75	ug/l	0.00
Spiked Amount			Recovery	=	115.50%	
35) Dibromofluoromethane	7.74	113	127619	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	10.18	98	509759	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.48	95	175594	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

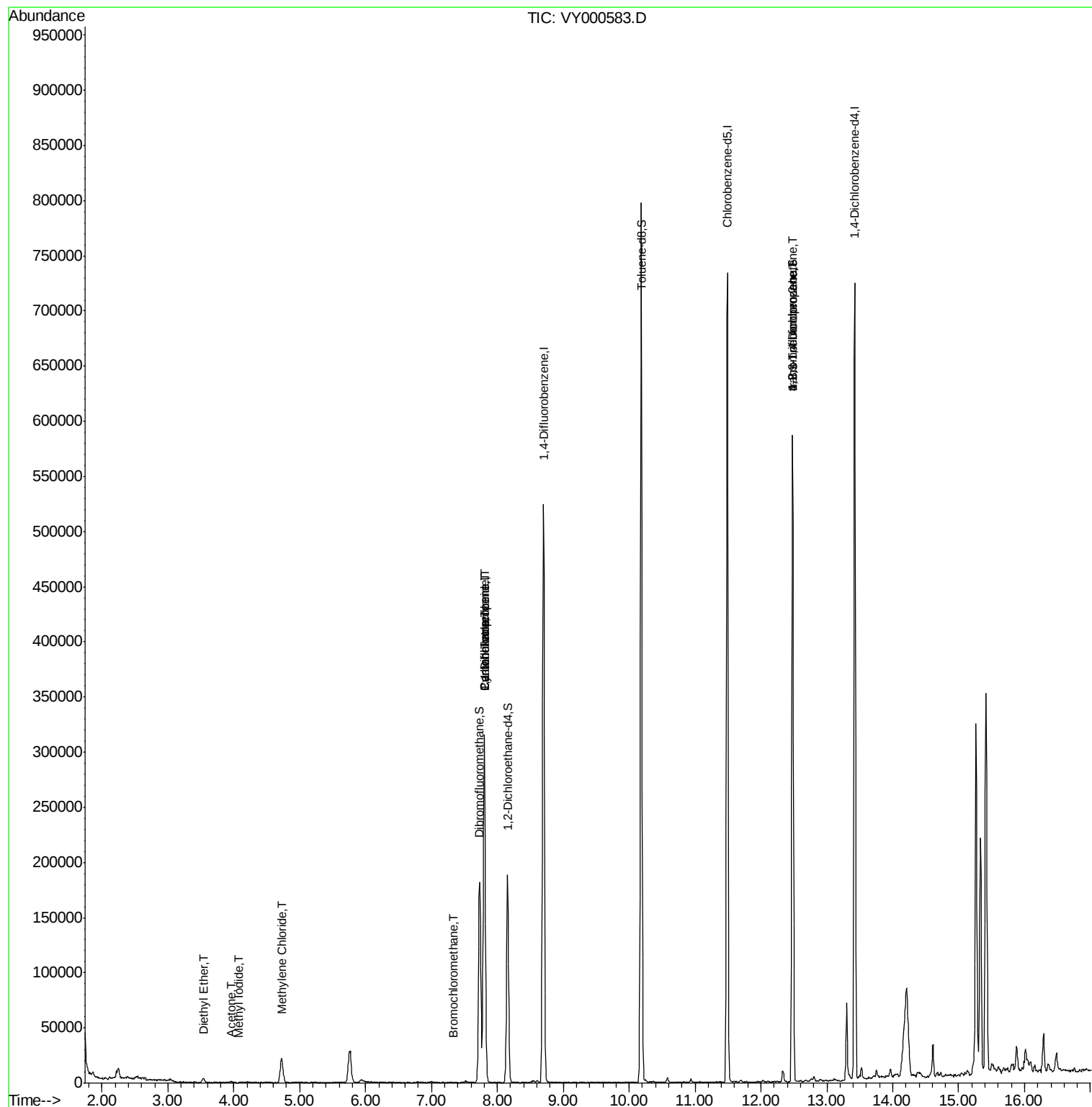
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	1784	1.232	ug/l	62
10) Methyl Iodide	4.08	142	134	3.238	ug/l #	62
16) Acetone	3.96	43	1868	2.733	ug/l #	42
20) Methylene Chloride	4.72	84	15162	5.176	ug/l #	95
28) Bromochloromethane	7.34	49	30	4.106	ug/l #	14
31) Cyclohexane	7.80	56	5382	1.121	ug/l #	32
36) 1,1-Dichloropropene	7.80	75	19536	4.784	ug/l #	50
38) Carbon Tetrachloride	7.80	117	24348	6.197	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	93052	47.831	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93052	107.244	ug/l #	13

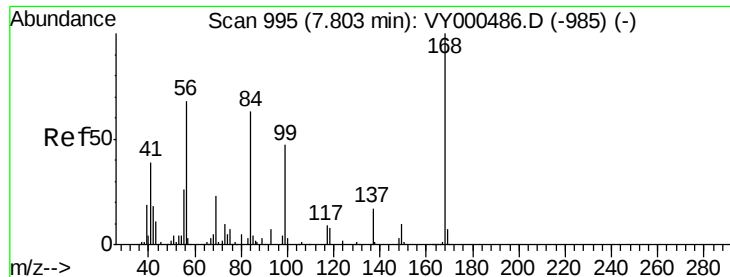
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000583.D

Acq: 07 Nov 2019 16:12

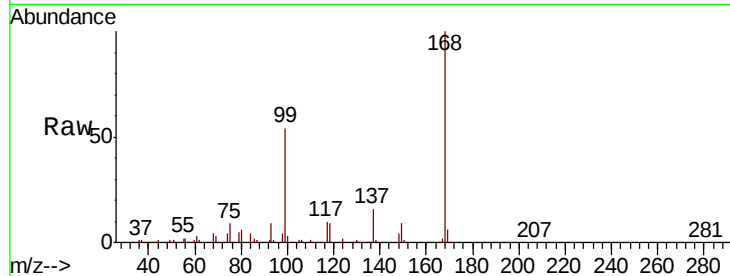
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 239663

Ion Ratio Lower Upper

168 100

99 54.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

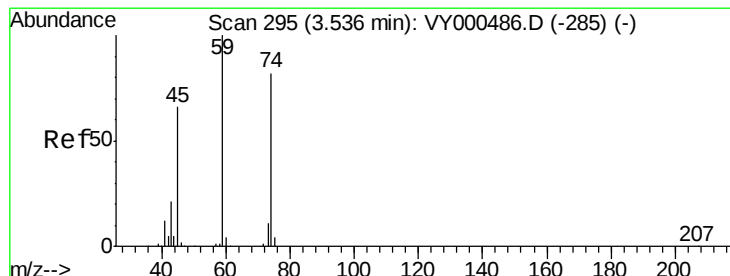
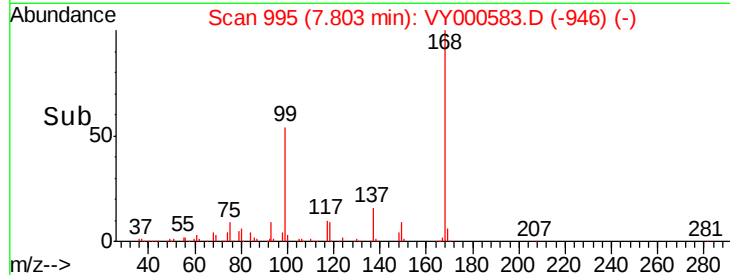
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.232 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY000583.D

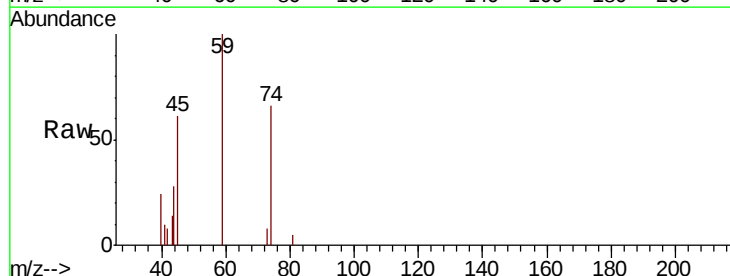
Acq: 07 Nov 2019 16:12

Tgt Ion: 74 Resp: 1784

Ion Ratio Lower Upper

74 100

45 126.5 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

3.54

1000

800

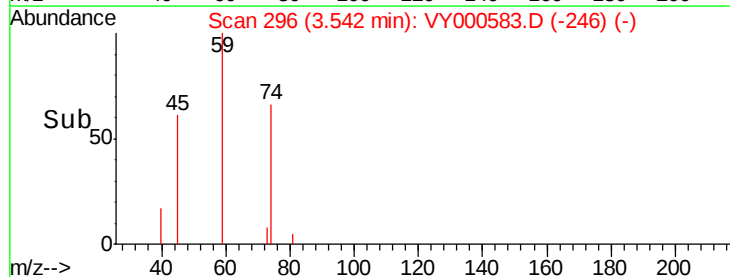
600

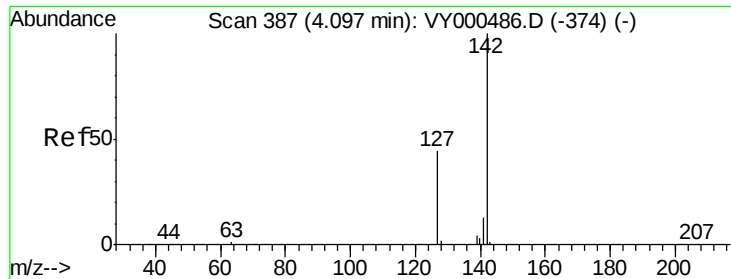
400

200

0

Time-->

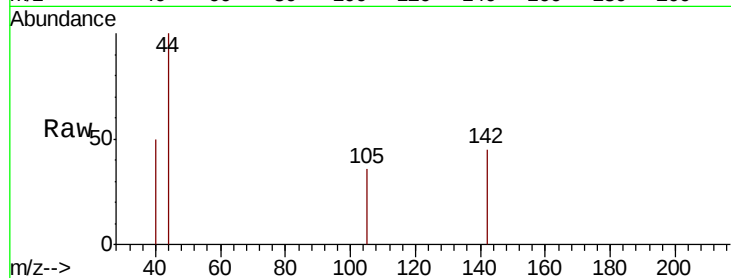




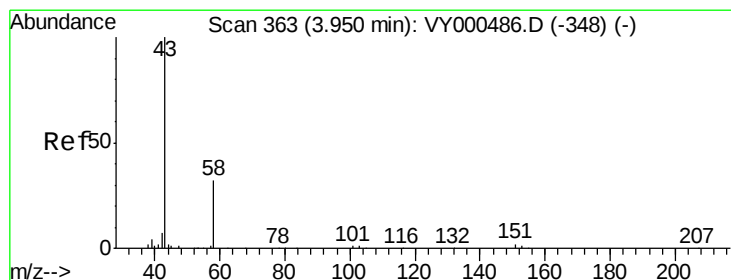
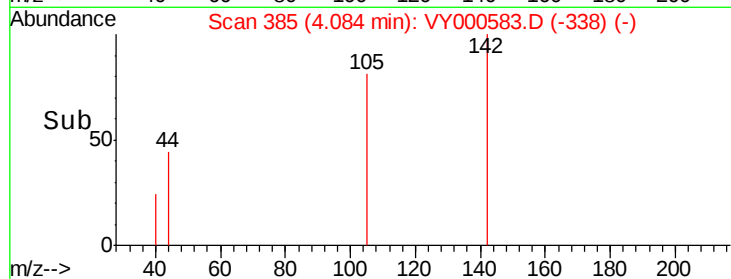
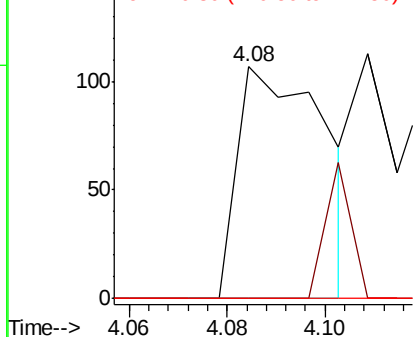
#10
Methvl Iodide
Concen: 3.238 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000583.D
Acq: 07 Nov 2019 16:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
127 17.2 33.7 50.5#
141 0.0 10.9 16.3#

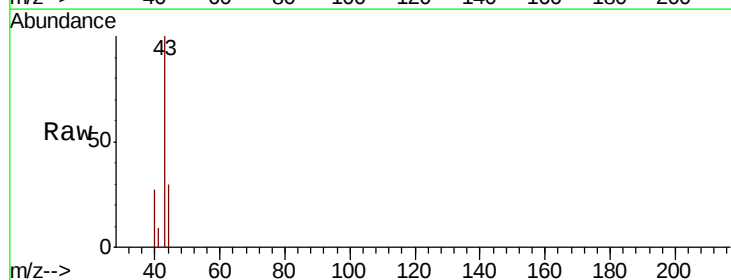


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

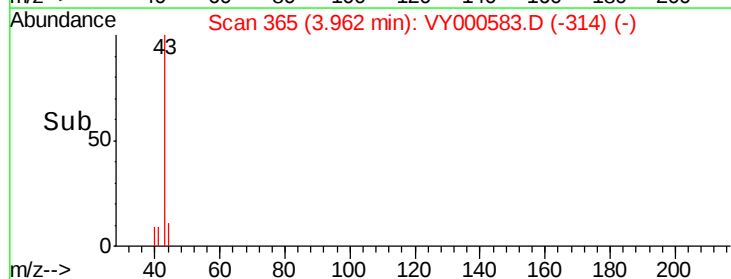
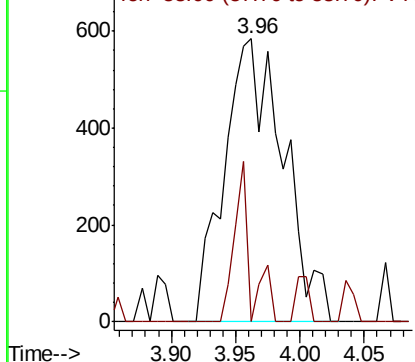


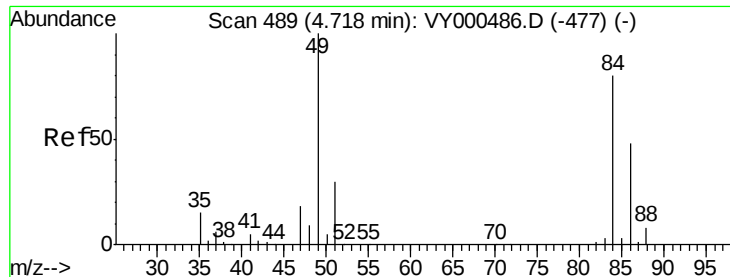
#16
Acetone
Concen: 2.733 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000583.D
Acq: 07 Nov 2019 16:12

Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



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

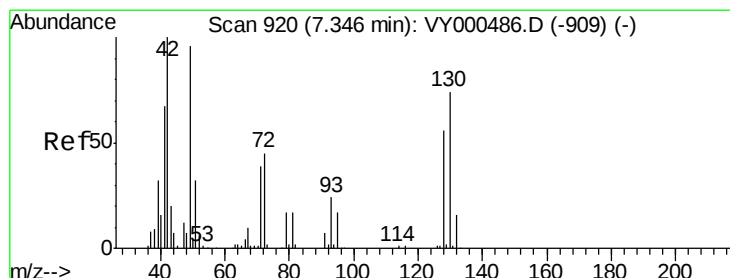
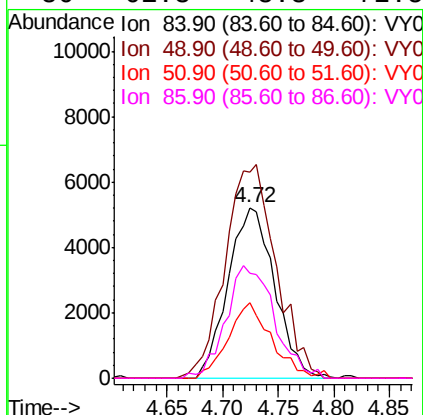
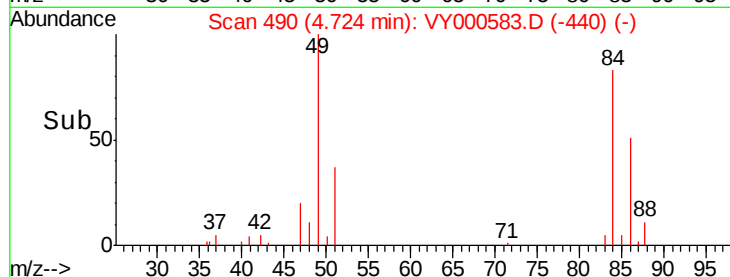
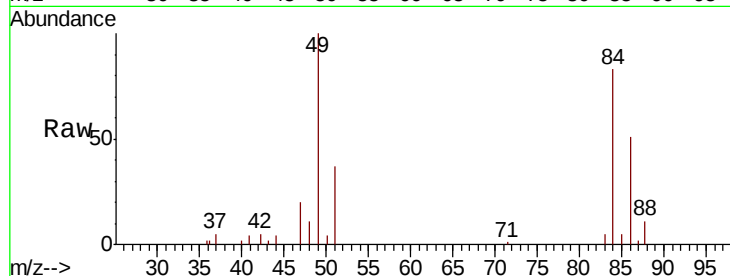




#20
Methvlene Chloride
Concen: 5.176 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000583.D
Acq: 07 Nov 2019 16:12

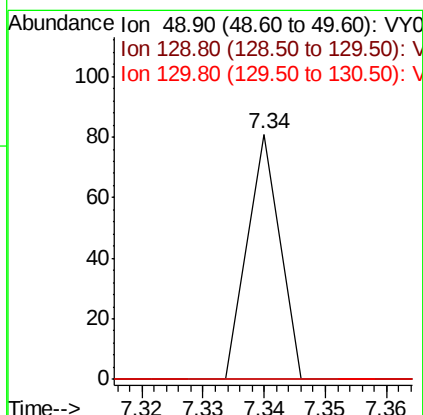
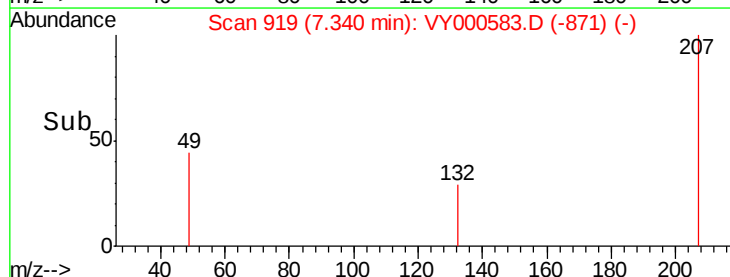
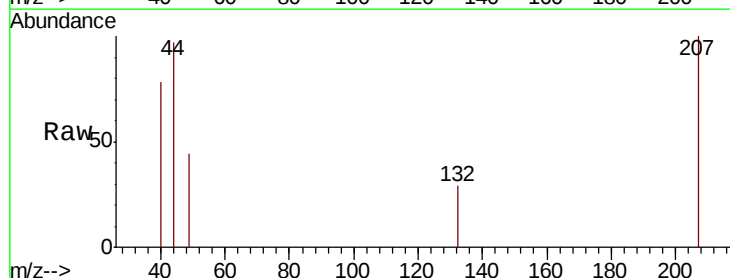
Instrument :
MSVOA_Y
ClientSampleId :

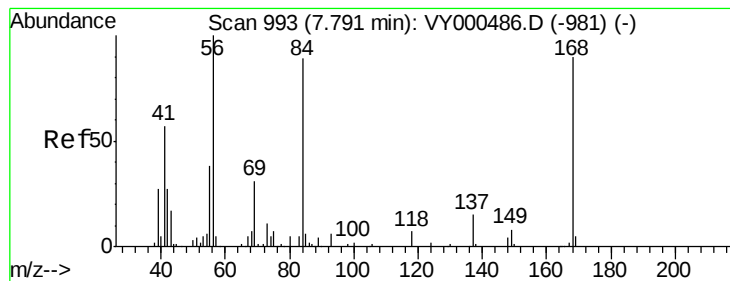
Tot Ion: 84 Resp: 15162
Ion Ratio Lower Upper
84 100
49 120.9 100.2 150.4
51 44.5 29.6 44.4#
86 61.3 48.3 72.5



#28
Bromochloromethane
Concen: 4.106 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000583.D
Acq: 07 Nov 2019 16:12

Tgt Ion: 49 Resp: 30
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#





#31

Cvclohexane

Concen: 1.121 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000583.D

Acq: 07 Nov 2019 16:12

Instrument :
MSVOA_Y
ClientSampled :

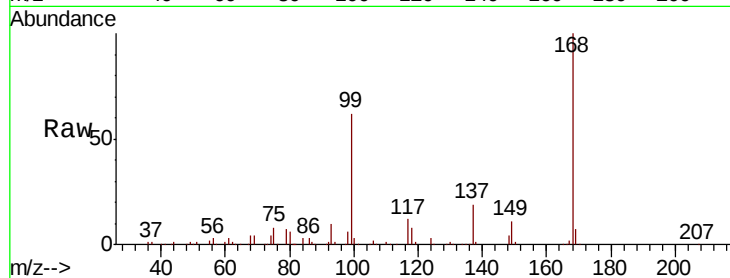
Tot Ion: 56 Resp: 5382

Ion Ratio Lower Upper

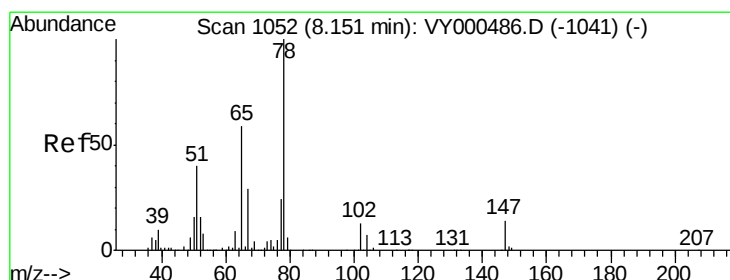
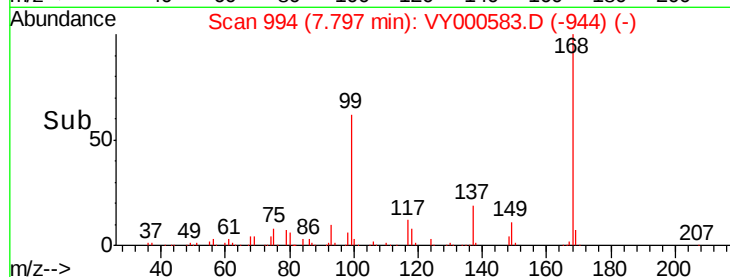
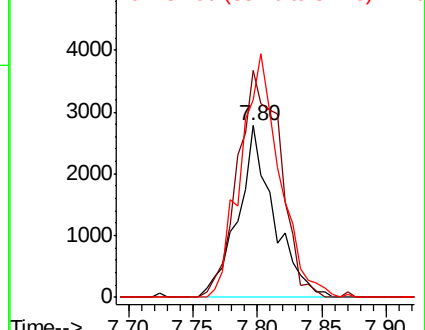
56 100

69 132.4 25.0 37.6#

84 115.0 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: 57.750 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000583.D

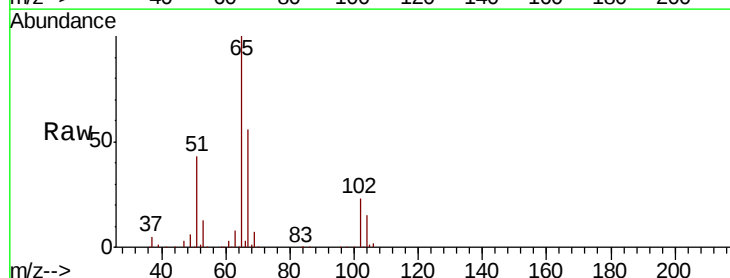
Acq: 07 Nov 2019 16:12

Tgt Ion: 65 Resp: 143232

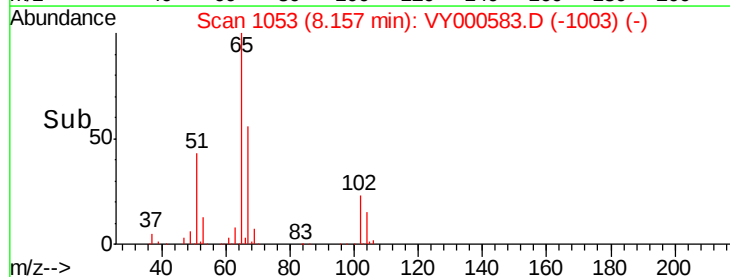
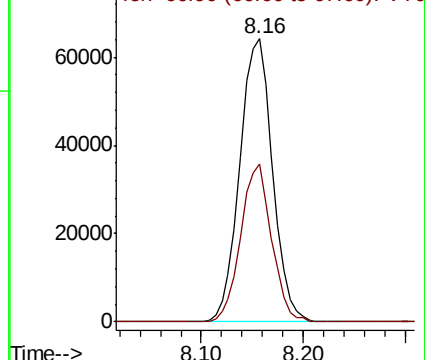
Ion Ratio Lower Upper

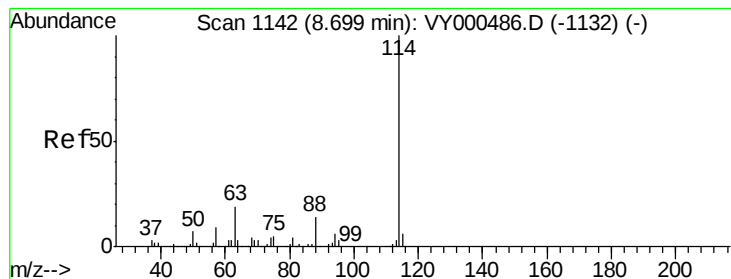
65 100

67 52.3 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: VY000583.D

Acq: 07 Nov 2019 16:12

Instrument :

MSVOA_Y

ClientSampled :

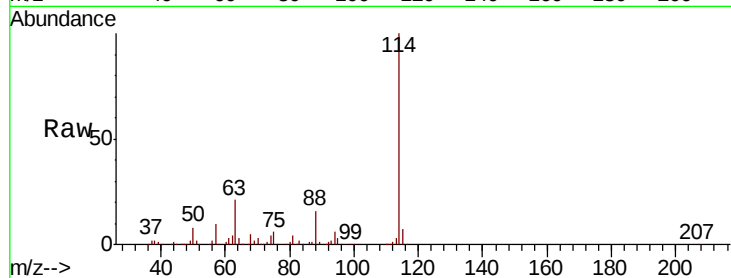
Tot Ion:114 Resp: 431935

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.0

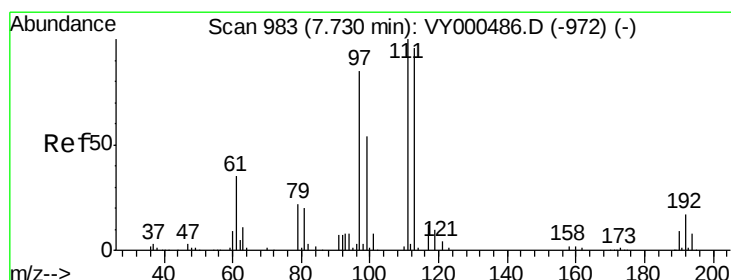
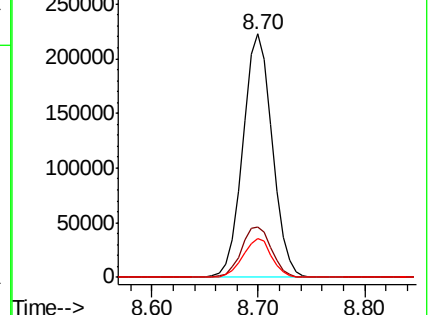
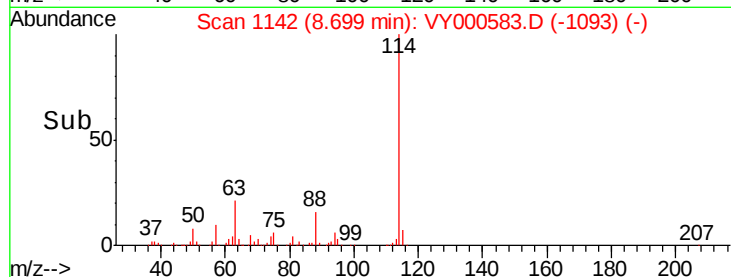
88 16.1 0.0 28.6



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: 50.328 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000583.D

Acq: 07 Nov 2019 16:12

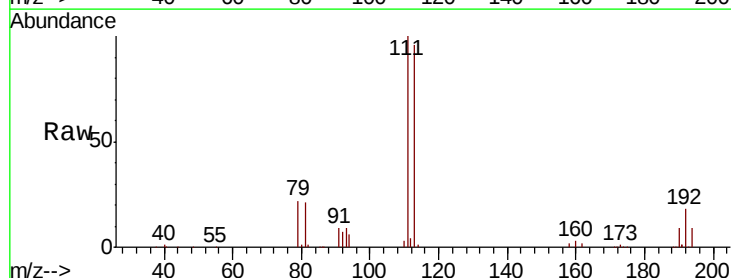
Tgt Ion:113 Resp: 127619

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

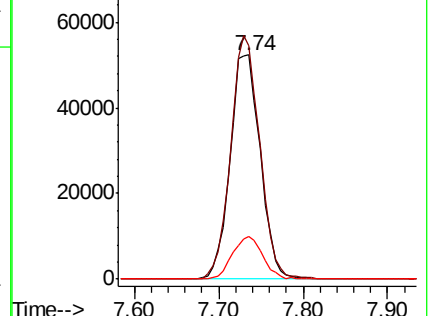
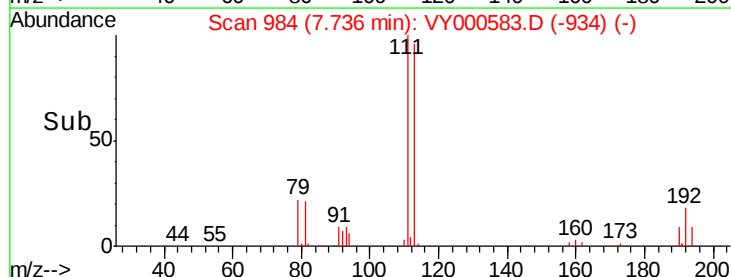
192 19.0 15.0 22.4

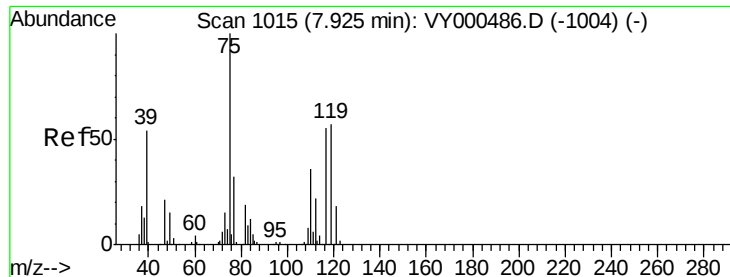


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

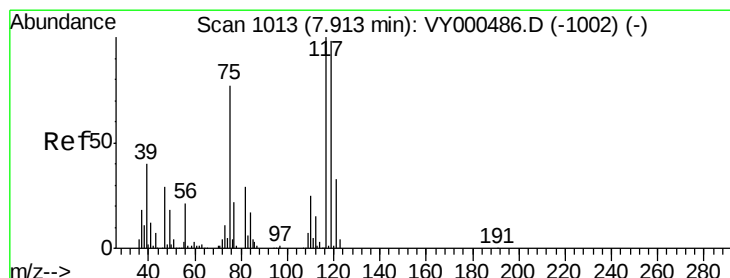
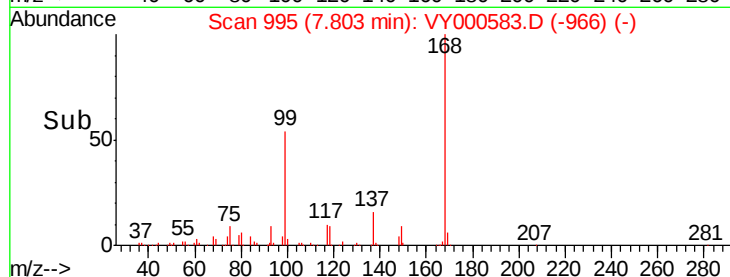
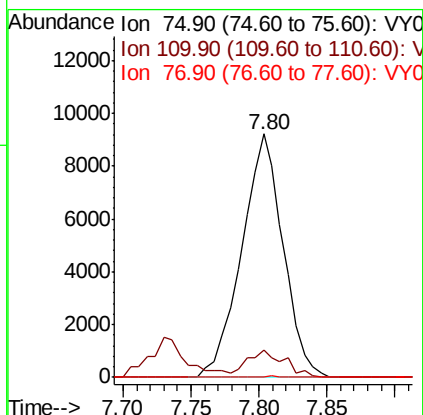
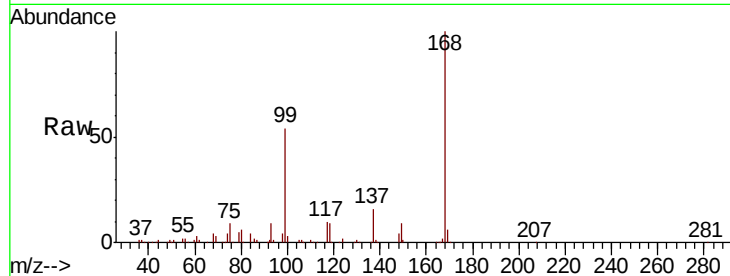




#36
 1,1-Dichloropropene
 Concen: 4.784 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000583.D
 Acq: 07 Nov 2019 16:12

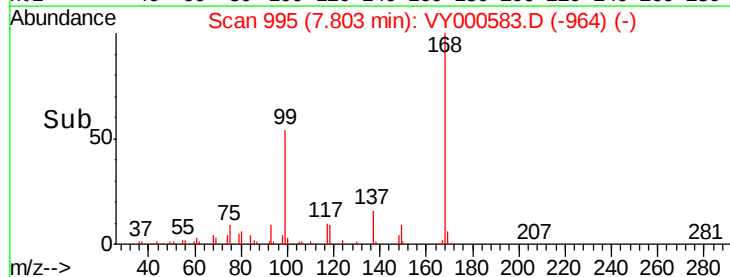
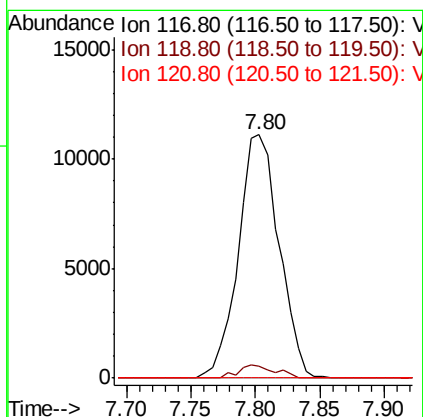
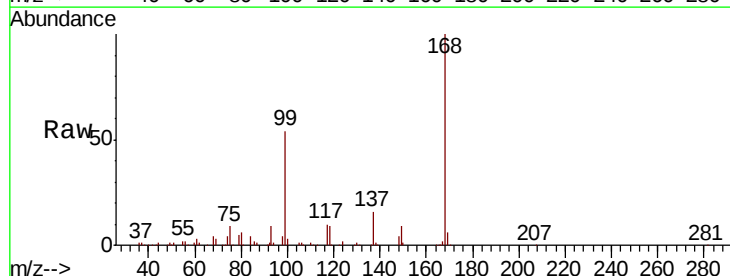
Instrument :
 MSVOA_Y
 ClientSampleId :

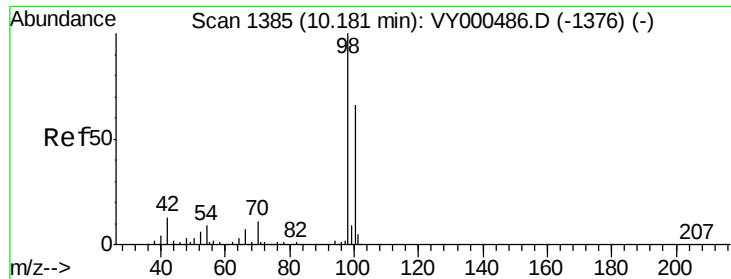
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.1	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.197 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000583.D
 Acq: 07 Nov 2019 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.0	117.0#
121	0.0	26.6	40.0#





#50

Toluene-d8

Concen: 52.980 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000583.D

Acq: 07 Nov 2019 16:12

Instrument :

MSVOA_Y

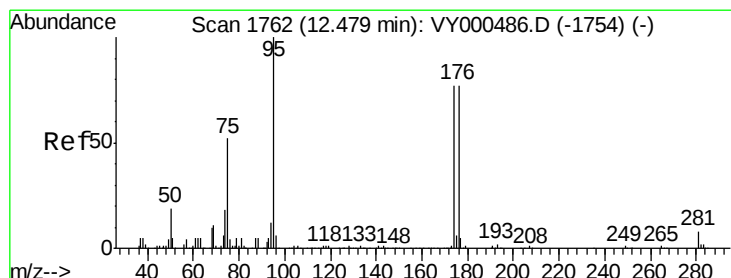
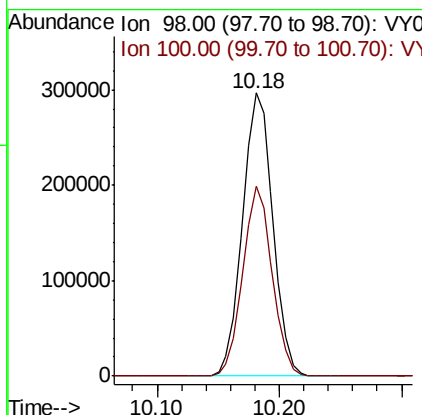
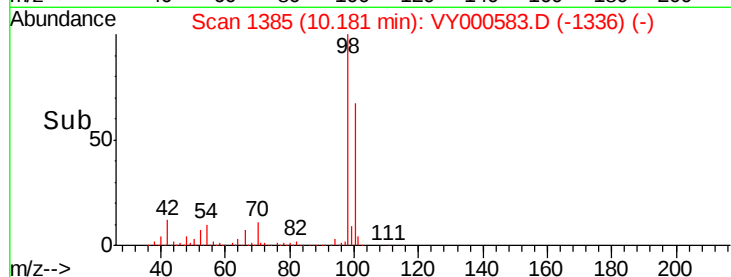
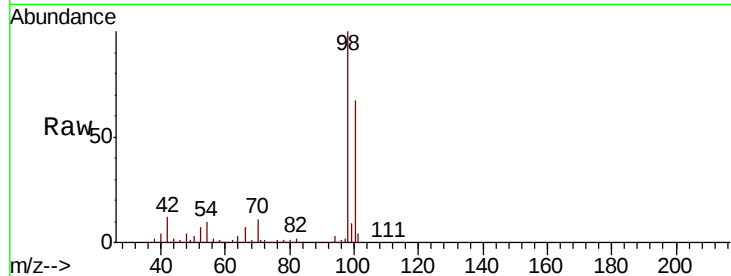
ClientSampleId :

Tot Ion: 98 Resp: 509759

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.938 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000583.D

Acq: 07 Nov 2019 16:12

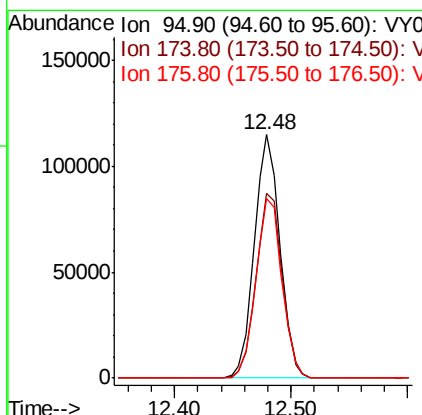
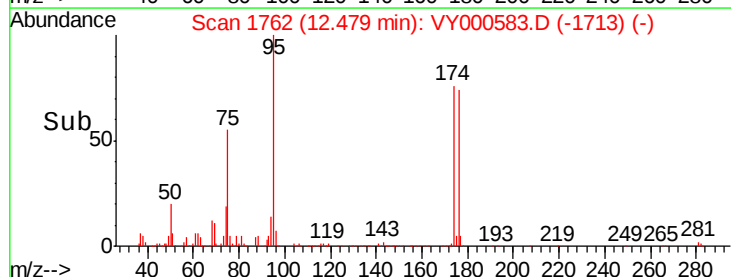
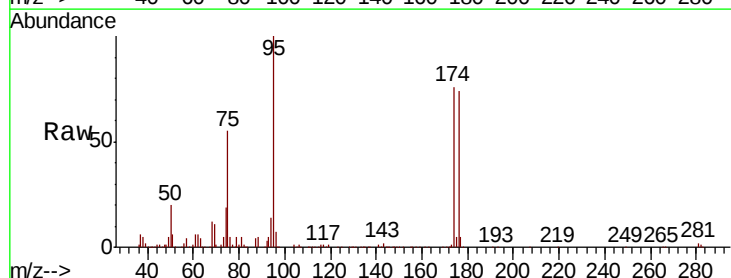
Tgt Ion: 95 Resp: 175594

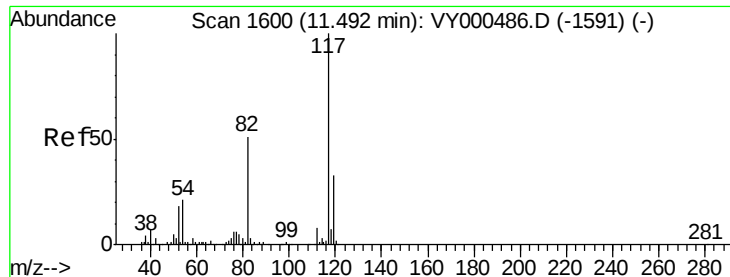
Ion Ratio Lower Upper

95 100

174 77.8 0.0 161.6

176 75.3 0.0 157.8

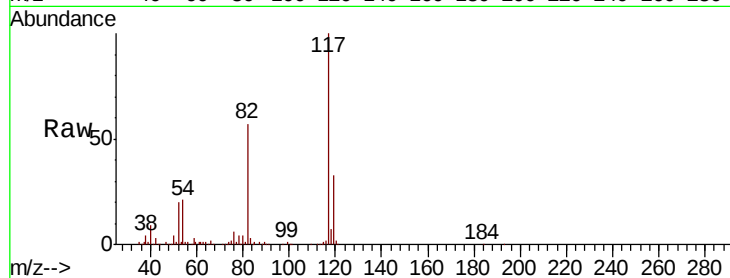




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000583.D
Acq: 07 Nov 2019 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	40.8	61.2
119	33.0	26.2	39.2

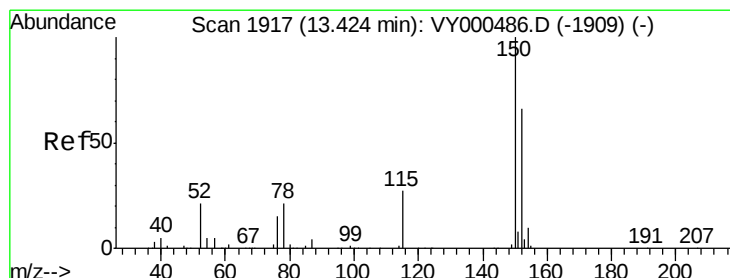
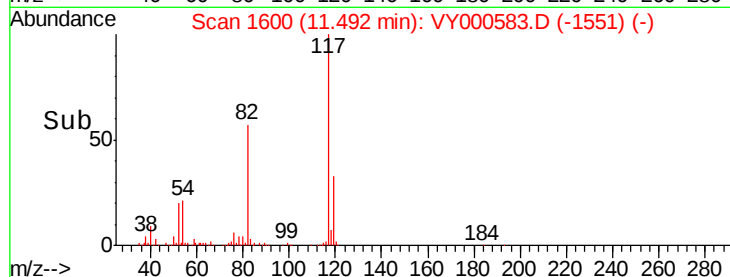
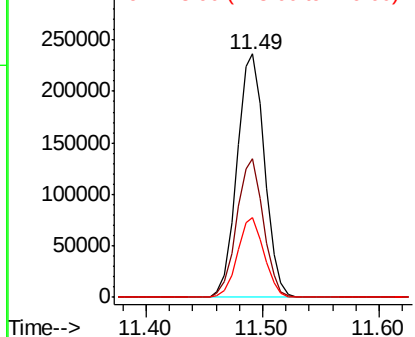


Abundance

Ion 116.90 (116.60 to 117.60): V

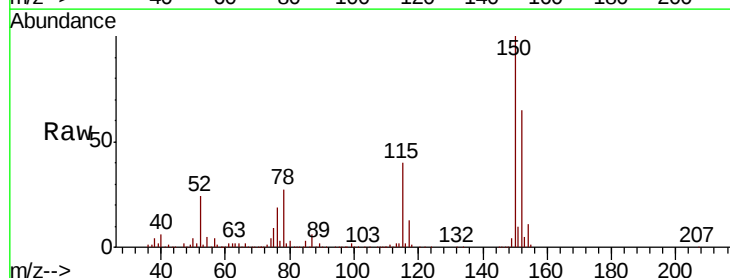
Ion 82.00 (81.70 to 82.70): VY0

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: VY000583.D
Acq: 07 Nov 2019 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.1	87.4
150	156.8	0.0	348.8

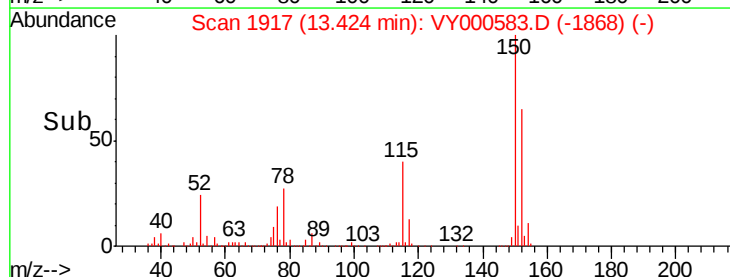
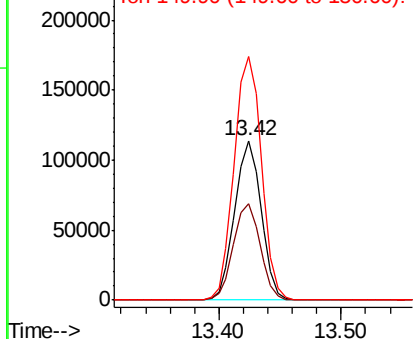


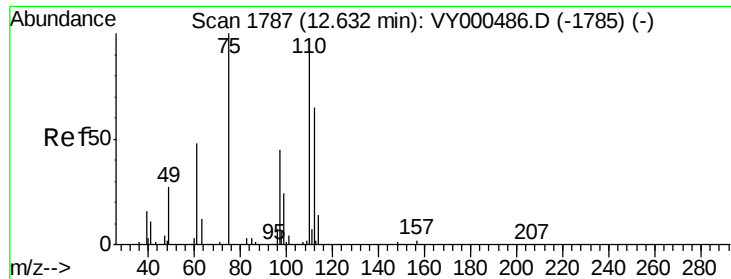
Abundance

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: 47.831 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000583.D

Acq: 07 Nov 2019 16:12

Instrument :

MSVOA_Y

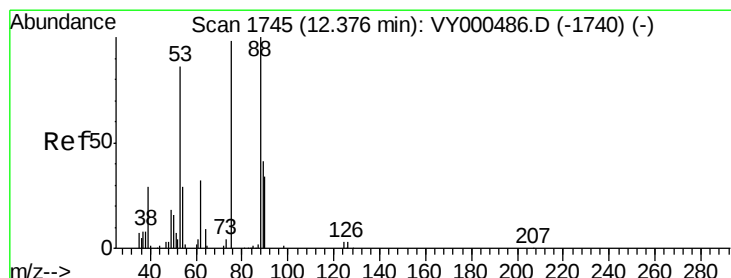
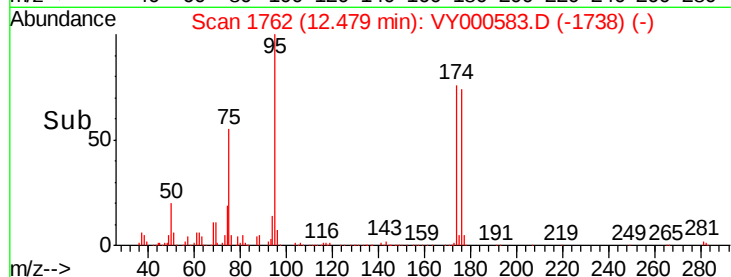
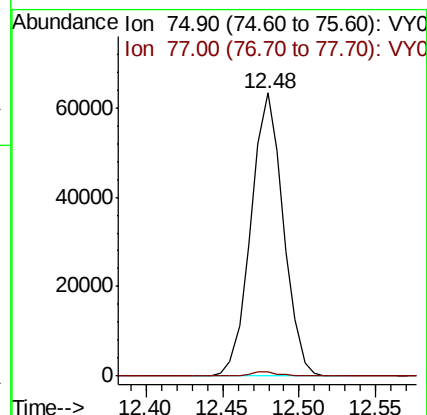
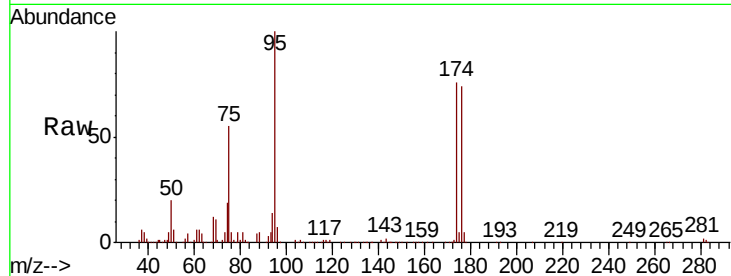
ClientSampleId :

Tot Ion: 75 Resp: 93052

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.244 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000583.D

Acq: 07 Nov 2019 16:12

Tgt Ion: 75 Resp: 93052

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#

