

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY000997.D
 Acq On : 18 Dec 2019 14:11
 Operator : SY/MD
 Sample : K6357-18RE
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 04:54:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	216711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	400301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166856	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	125089	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	
35) Dibromofluoromethane	7.73	113	118009	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	10.18	98	475921	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.48	95	161496	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	

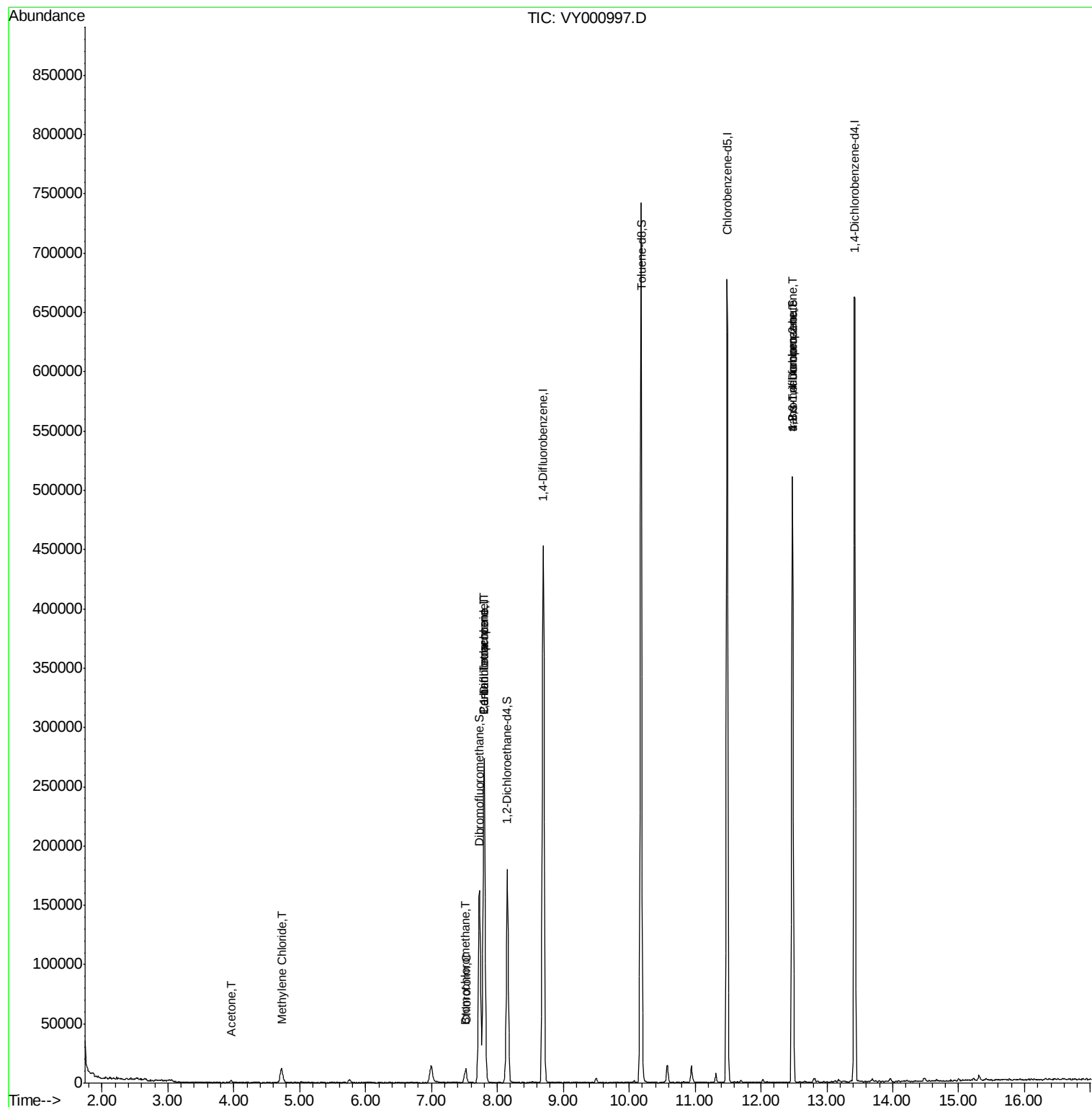
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	59	Below Cal	#	3
16) Acetone	3.96	43	2755	5.22	ug/l #	60
20) Methylene Chloride	4.72	84	8654	3.11	ug/l	87
28) Bromochloromethane	7.51	49	996	2.58	ug/l #	15
30) Chloroform	7.52	83	10639	2.30	ug/l	94
36) 1,1-Dichloropropene	7.80	75	18433	4.63	ug/l #	48
38) Carbon Tetrachloride	7.80	117	22018	6.21	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	81232	42.97	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	81232	84.40	ug/l #	17

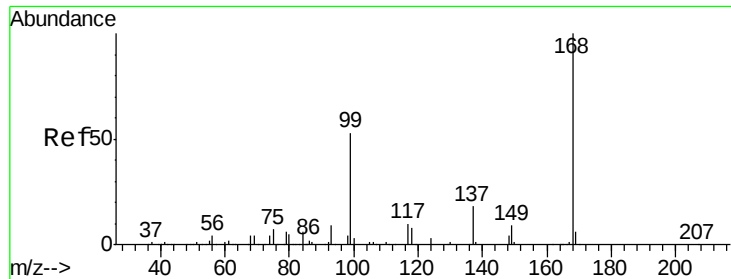
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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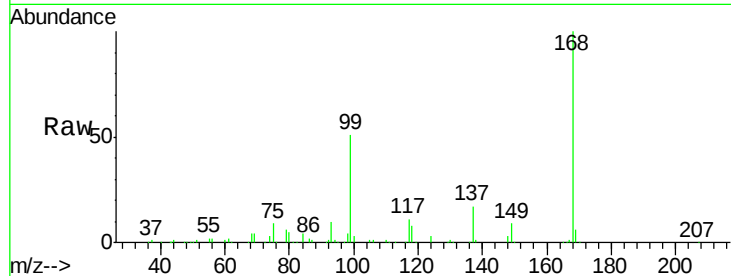


#1

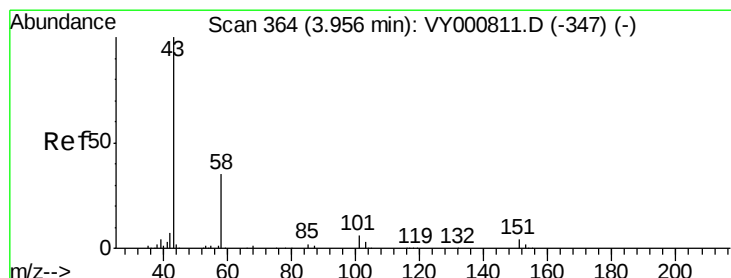
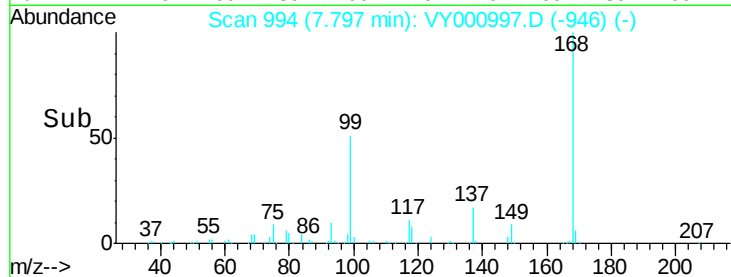
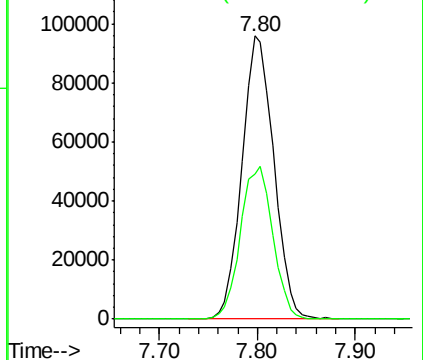
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 216711
 Ion Ratio Lower Upper
 168 100
 99 51.4 45.0 67.6



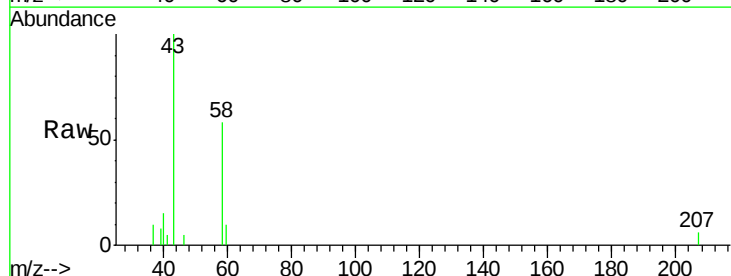
Abundance Ion 167.90 (167.60 to 168.60): VY000997.D (-946) (-)
 Ion 98.90 (98.60 to 99.60): VY000997.D (-946) (-)



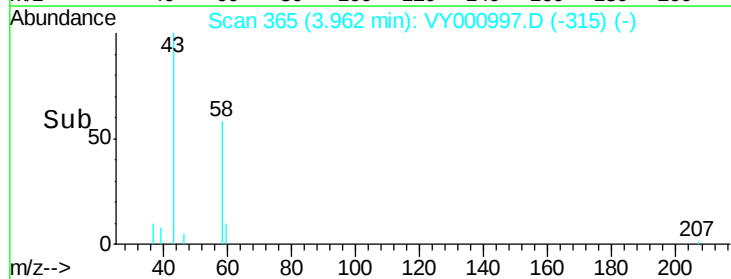
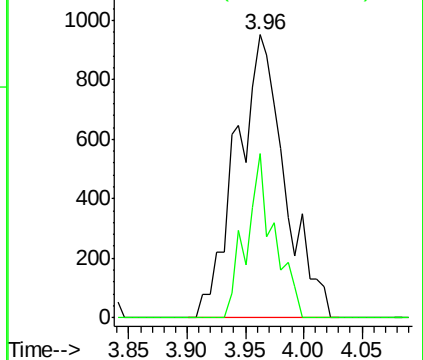
#16

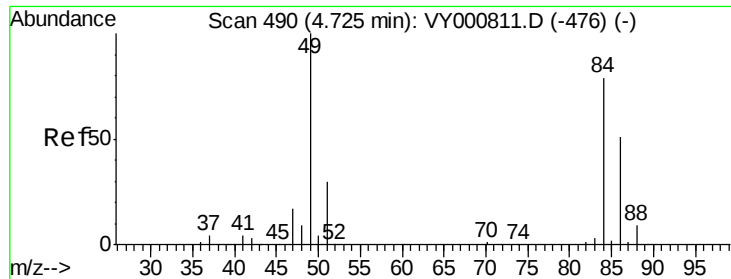
Acetone
 Concen: 5.22 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

Tgt Ion: 43 Resp: 2755
 Ion Ratio Lower Upper
 43 100
 58 58.1 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000997.D (-315) (-)
 Ion 58.00 (57.70 to 58.70): VY000997.D (-315) (-)

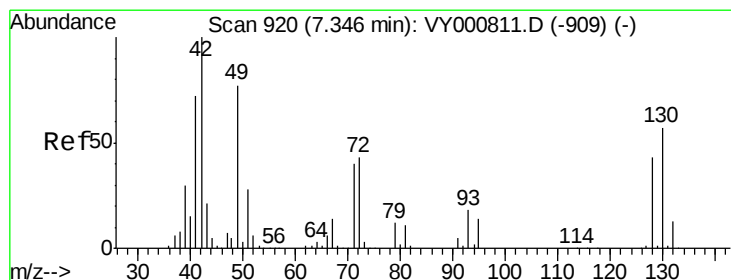
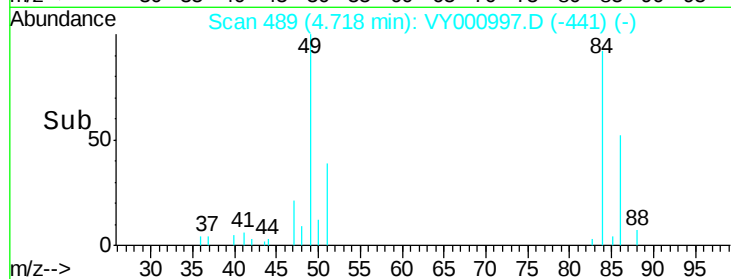
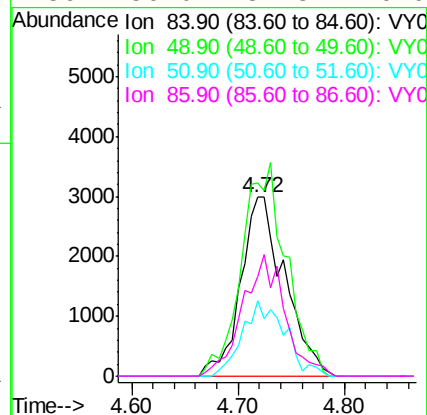
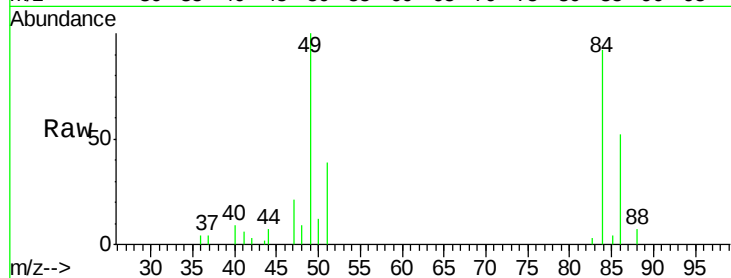




#20
Methvlene Chloride
Concen: 3.11 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

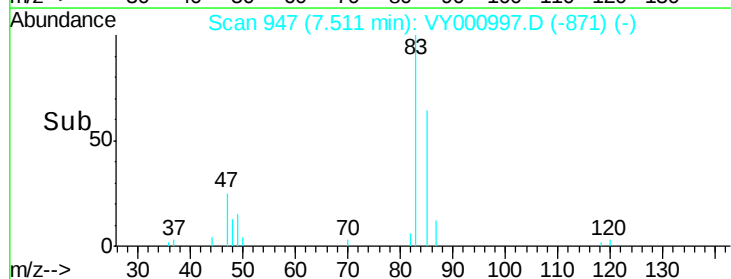
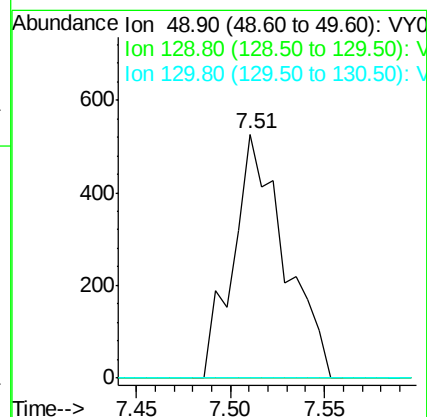
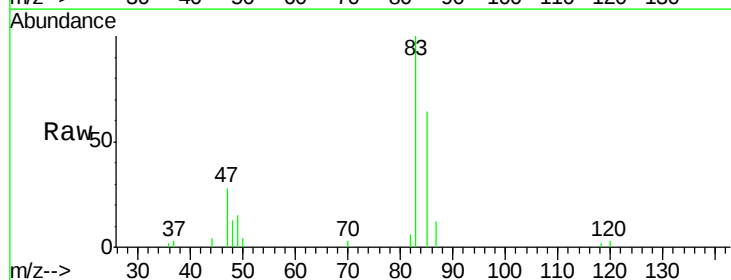
Instrument :
MSVOA_Y
ClientSampleId :

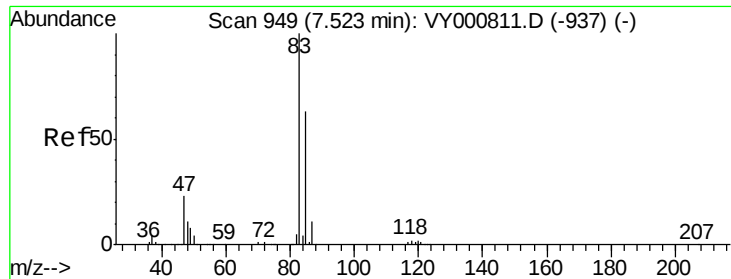
Tot Ion:	84	Resp:	8654
Ion	Ratio	Lower	Upper
84	100		
49	108.4	101.3	151.9
51	42.2	30.6	45.8
86	56.0	51.3	76.9



#28
Bromochloromethane
Concen: 2.58 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.16 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

Tgt Ion:	49	Resp:	996
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#

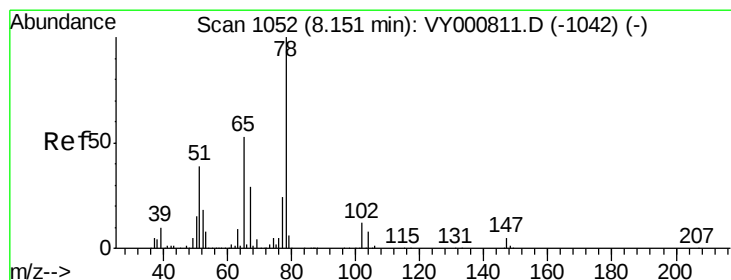
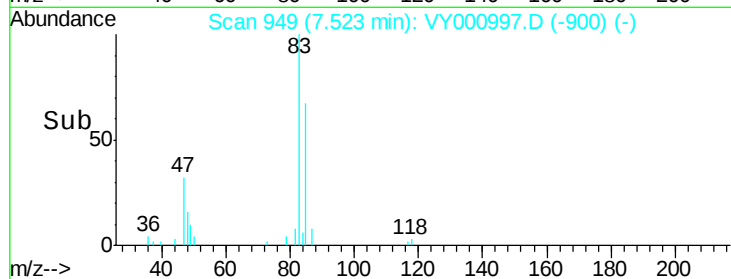
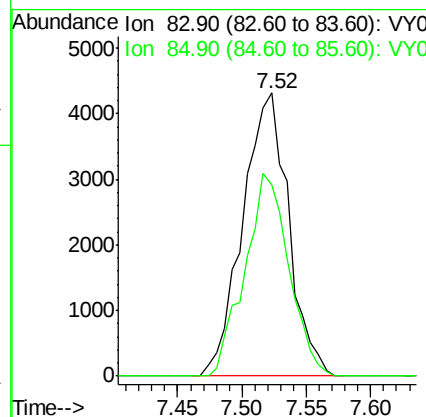
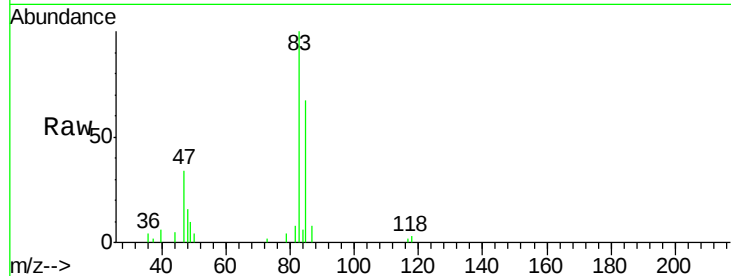




#30
Chloroform
Concen: 2.30 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

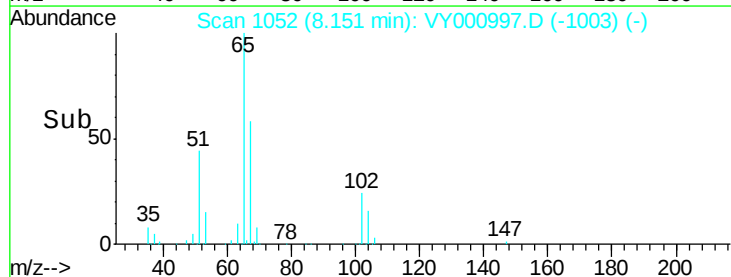
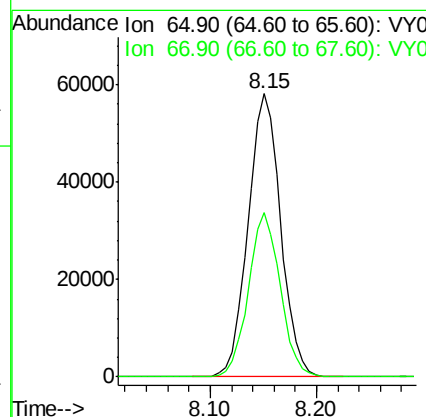
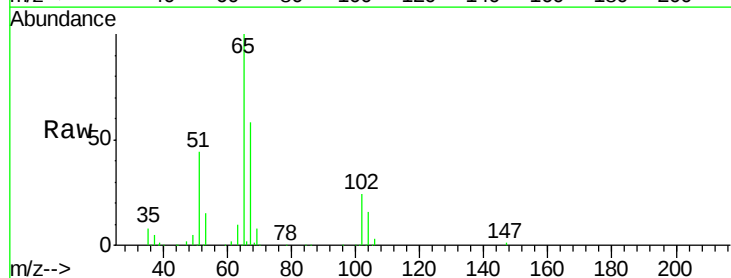
Instrument :
MSVOA_Y
ClientSampleId :

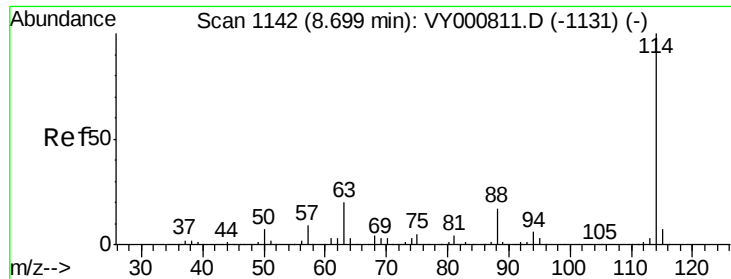
Tot Ion: 83 Resp: 10639
Ion Ratio Lower Upper
83 100
85 67.4 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 54.32 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

Tgt Ion: 65 Resp: 125089
Ion Ratio Lower Upper
65 100
67 56.5 0.0 112.0

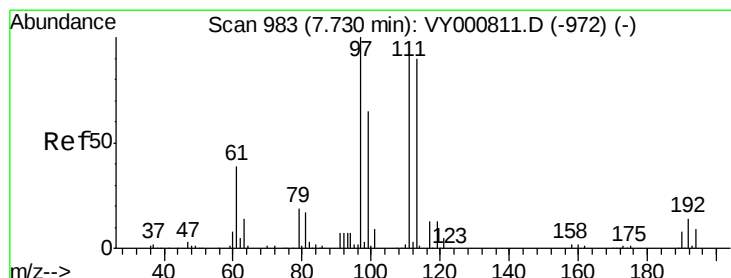
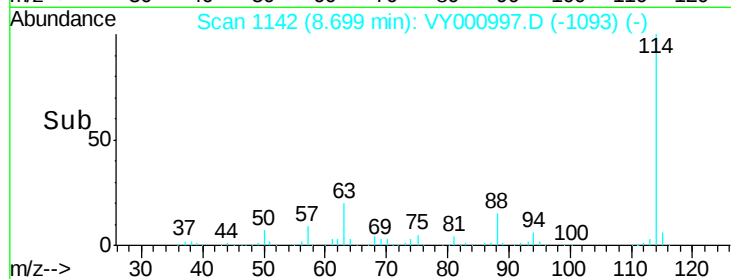
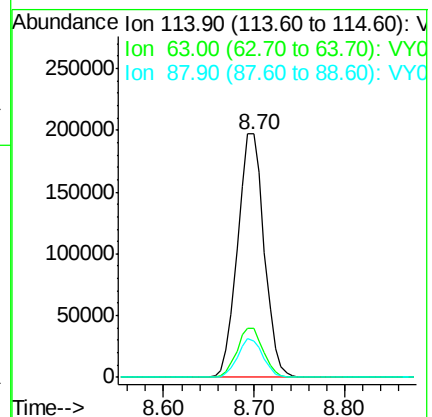
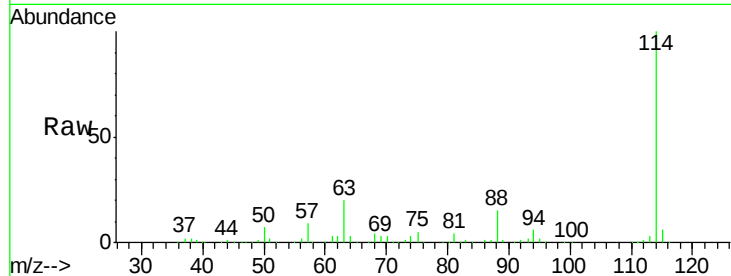




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

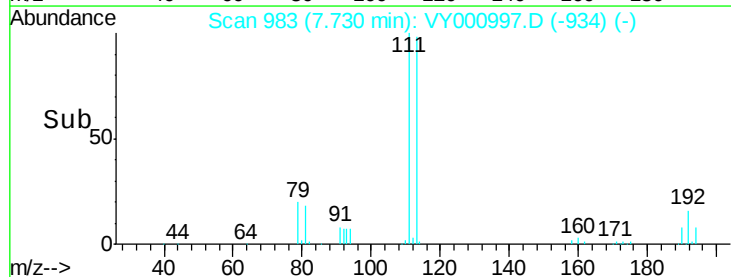
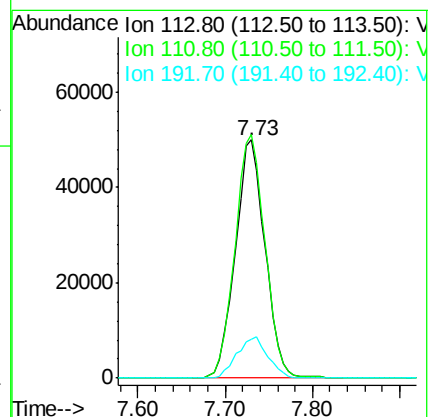
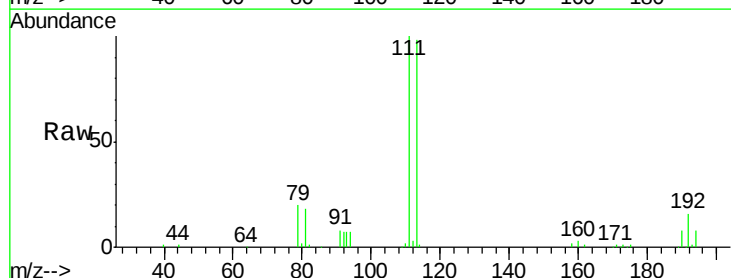
Instrument :
 MSVOA_Y
 ClientSampleId :

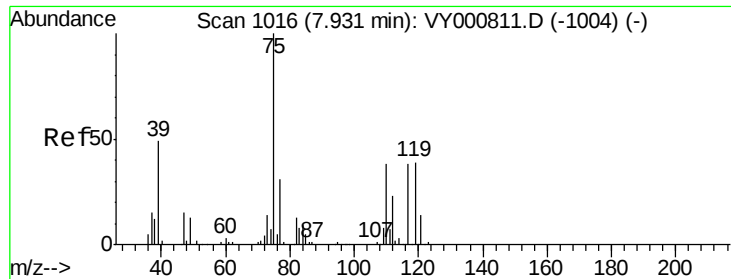
Tot Ion:114 Resp: 400301
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 14.9 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.58 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

Tgt Ion:113 Resp: 118009
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 18.0 14.2 21.2

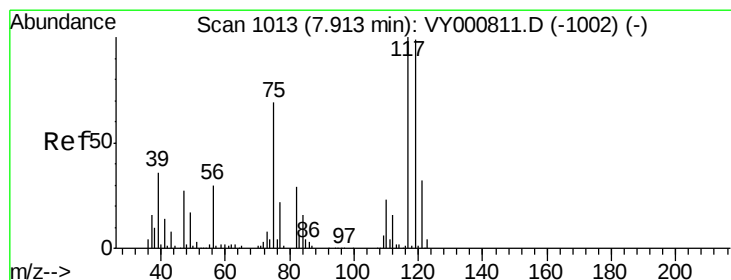
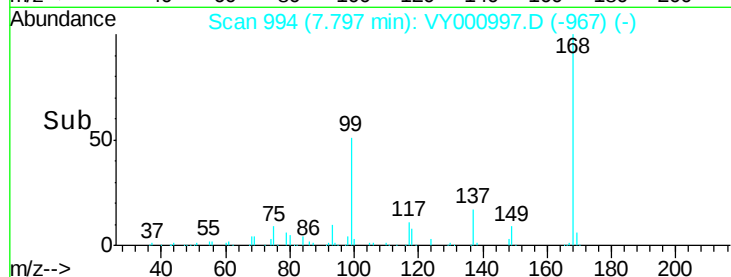
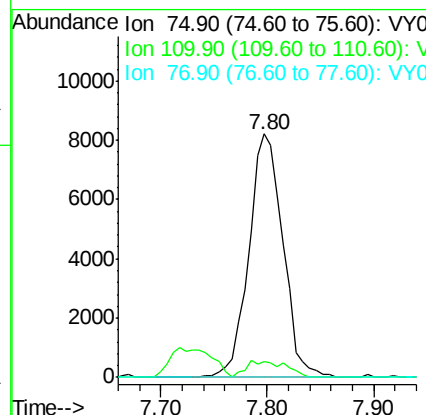
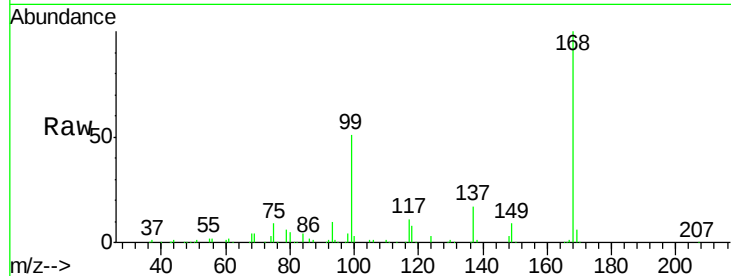




#36
 1,1-Dichloropropene
 Concen: 4.63 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

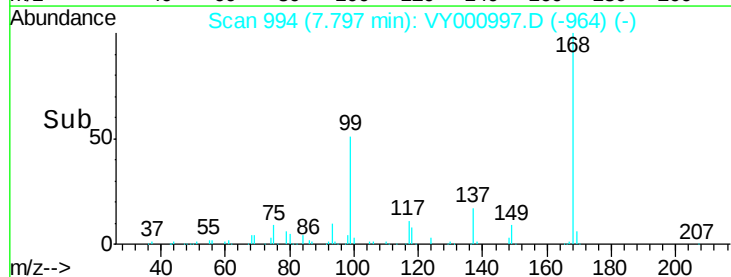
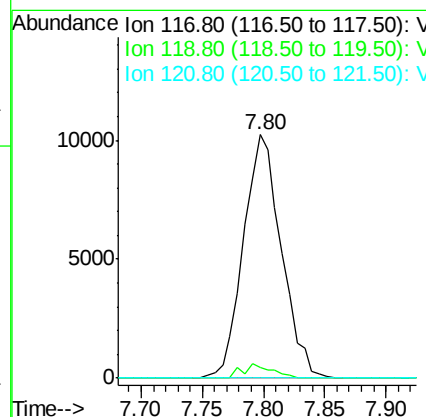
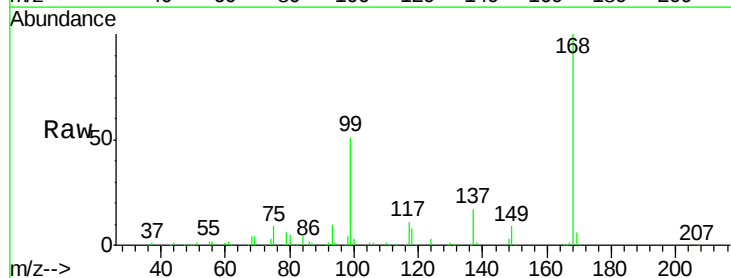
Instrument :
 MSVOA_Y
 ClientSampled :

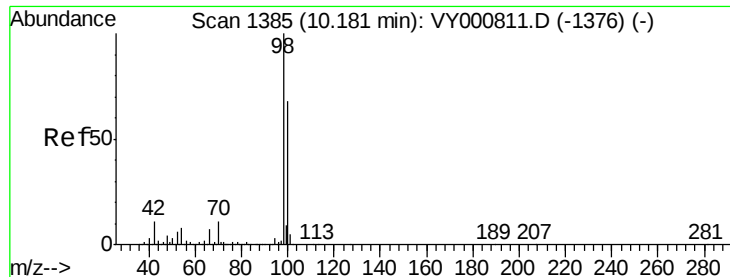
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.21 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000997.D
 Acq: 18 Dec 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 51.03 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000997.D

Acq: 18 Dec 2019 14:11

Instrument :

MSVOA_Y

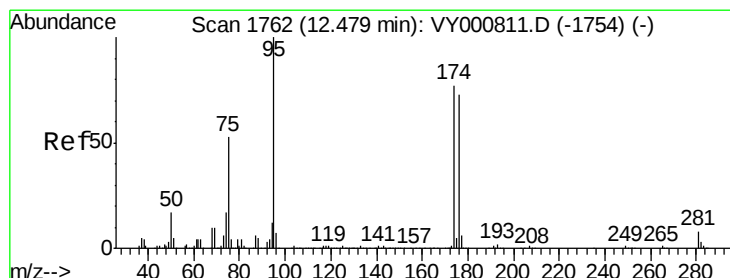
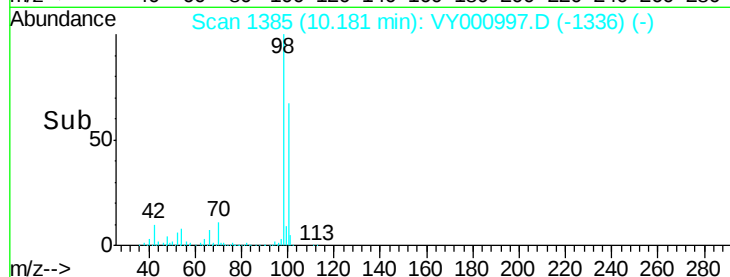
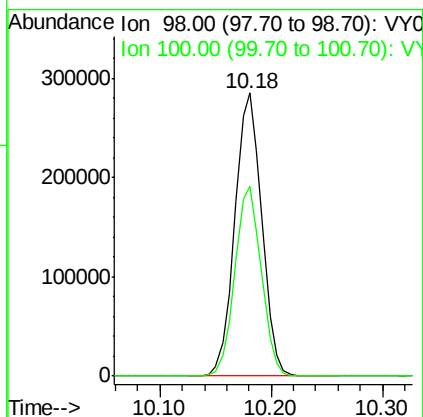
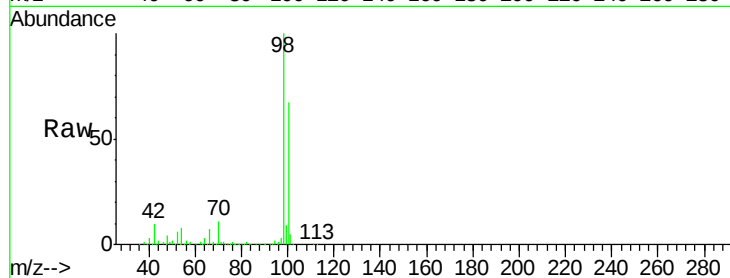
ClientSampleId :

Tot Ion: 98 Resp: 475921

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.11 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000997.D

Acq: 18 Dec 2019 14:11

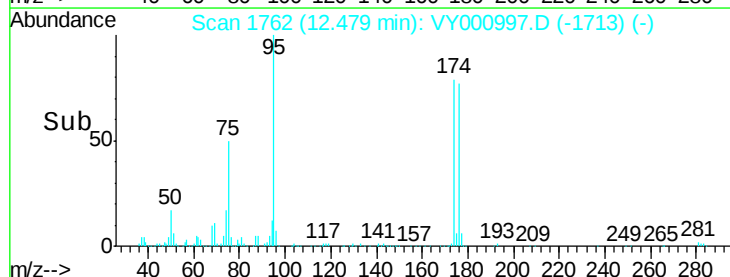
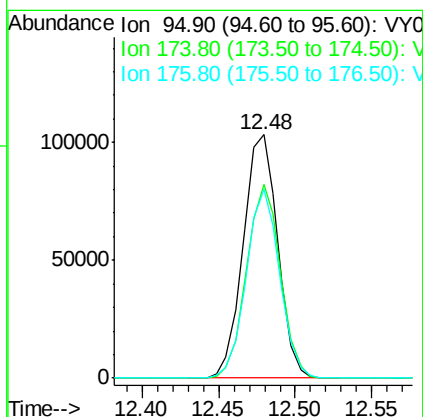
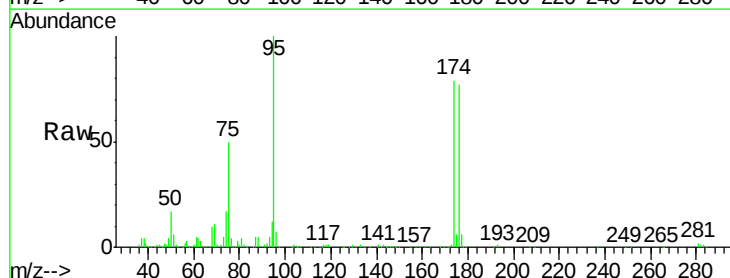
Tgt Ion: 95 Resp: 161496

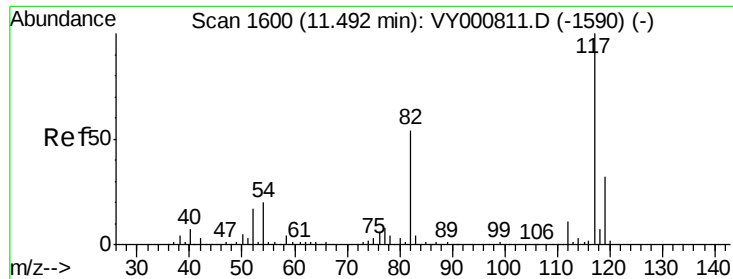
Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

176 74.9 0.0 145.2

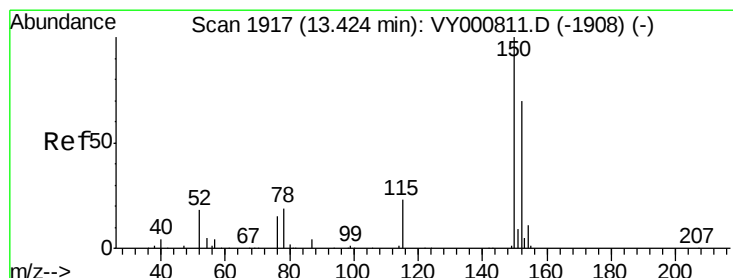
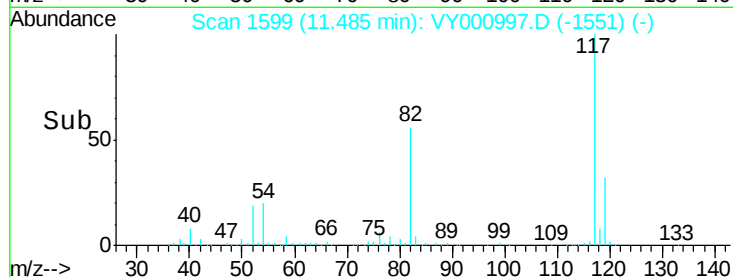
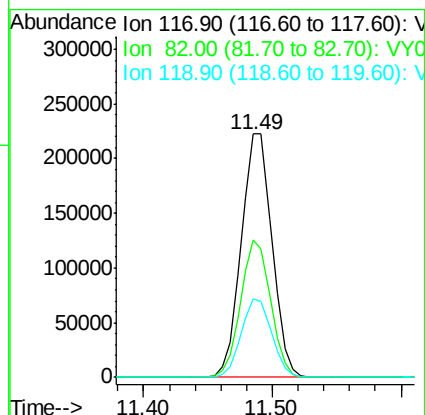
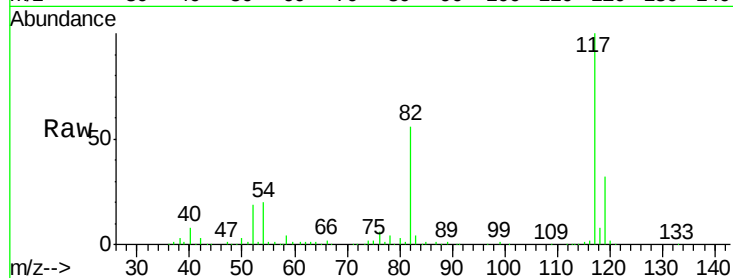




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

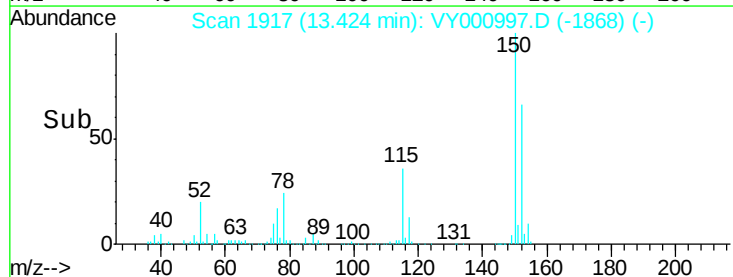
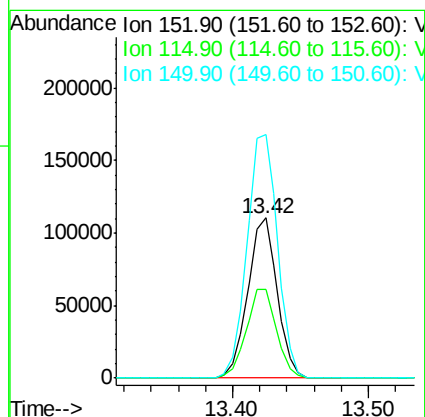
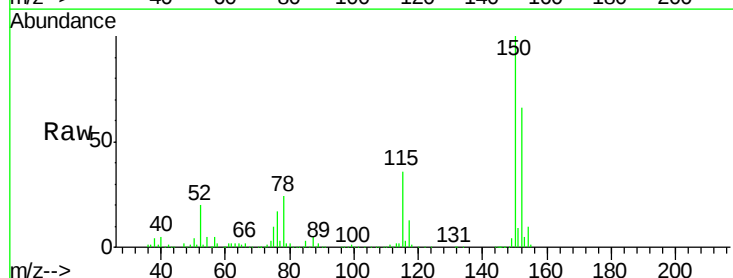
Instrument :
MSVOA_Y
ClientSampleId :

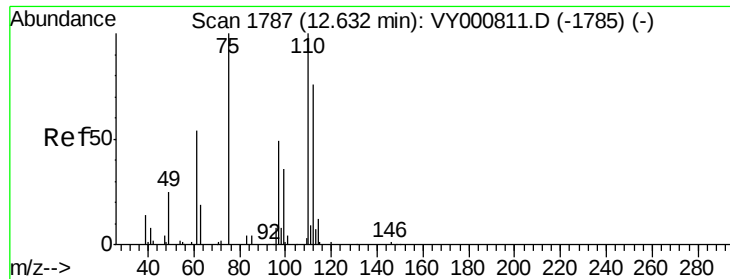
Tot Ion:117 Resp: 366259
Ion Ratio Lower Upper
117 100
82 56.2 43.1 64.7
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000997.D
Acq: 18 Dec 2019 14:11

Tgt Ion:152 Resp: 166856
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.8
150 158.4 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 42.97 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000997.D

Acq: 18 Dec 2019 14:11

Instrument :

MSVOA_Y

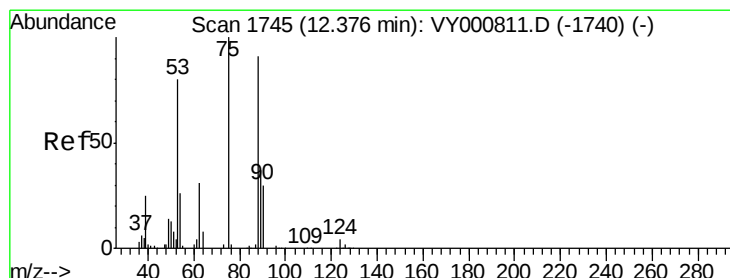
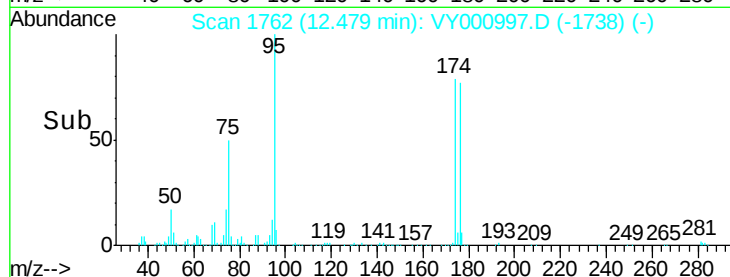
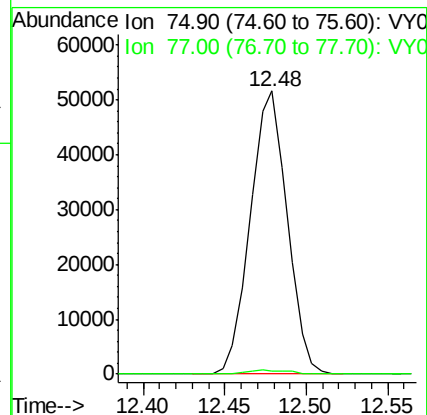
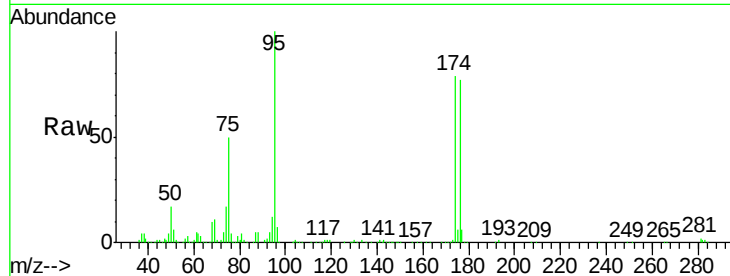
ClientSampleId :

Tot Ion: 75 Resp: 81232

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.40 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000997.D

Acq: 18 Dec 2019 14:11

Tgt Ion: 75 Resp: 81232

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

