

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121219\
 Data File : VY000931.D
 Acq On : 12 Dec 2019 15:27
 Operator : SY/MD
 Sample : K6274-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-COMP

Quant Time: Dec 13 06:27:55 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	7.79	168	237396	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	431234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	353803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	118939	47.15	ug/l	0.00
Spiked Amount						
			Recovery	=	94.30%	
35) Dibromofluoromethane	7.72	113	120866	48.09	ug/l	0.00
Spiked Amount						
			Recovery	=	96.18%	
50) Toluene-d8	10.17	98	497436	49.51	ug/l	0.00
Spiked Amount						
			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.47	95	145524	38.57	ug/l	0.00
Spiked Amount						
			Recovery	=	77.14%	

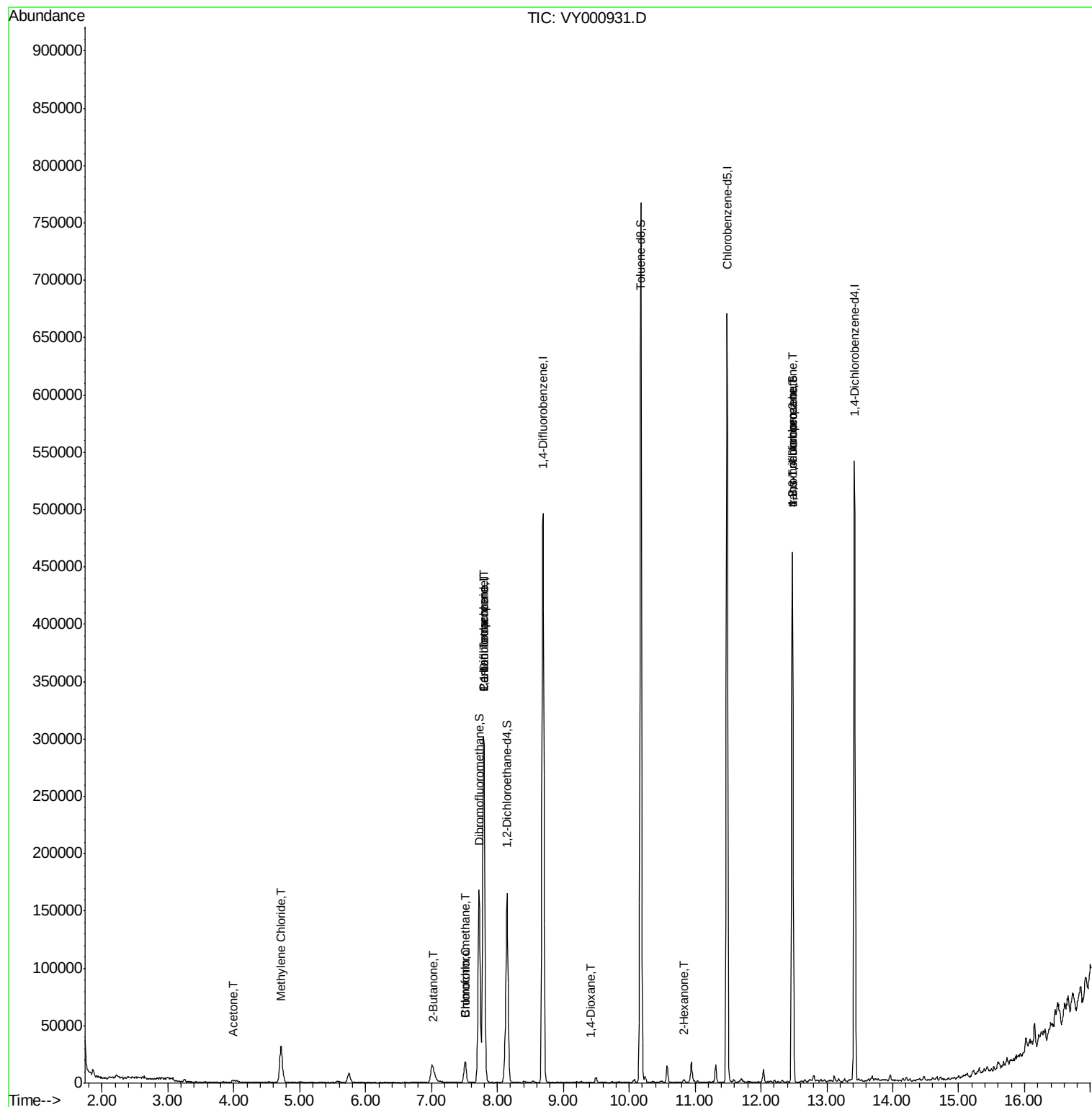
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	168	Below Cal	#	74
16) Acetone	3.99	43	2176	3.760	ug/l #	76
20) Methylene Chloride	4.72	84	23251	7.623	ug/l	92
25) 2-Butanone	7.03	43	3398	3.179	ug/l	91
28) Bromochloromethane	7.50	49	1587	2.837	ug/l #	15
30) Chloroform	7.51	83	16914	3.335	ug/l	94
36) 1,1-Dichloropropene	7.80	75	20226	4.717	ug/l #	49
38) Carbon Tetrachloride	7.79	117	23127	6.057	ug/l #	14
49) 1,4-Dioxane	9.42	88	26	1.119	ug/l #	27
59) 2-Hexanone	10.83	43	1996	1.136	ug/l	82
76) 1,2,3-Trichloropropane	12.47	75	71211	48.348	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	71211	94.969	ug/l #	17

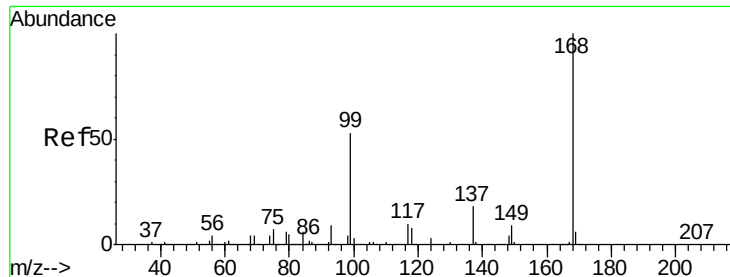
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

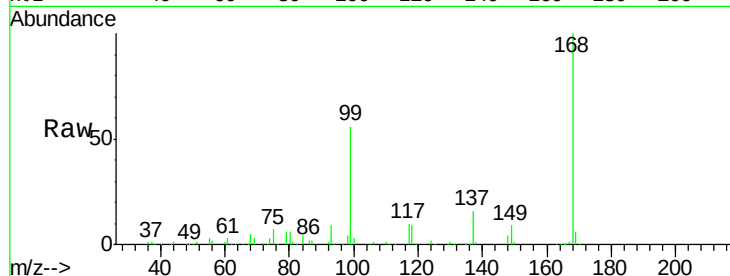
T2-COMP

Tgt Ion:168 Resp: 237396

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000931.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000931.D (-946) (-)

7.79

120000

100000

80000

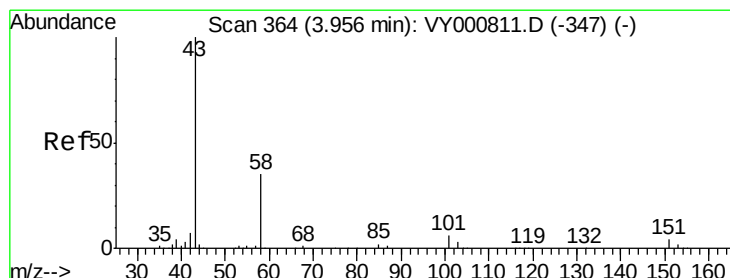
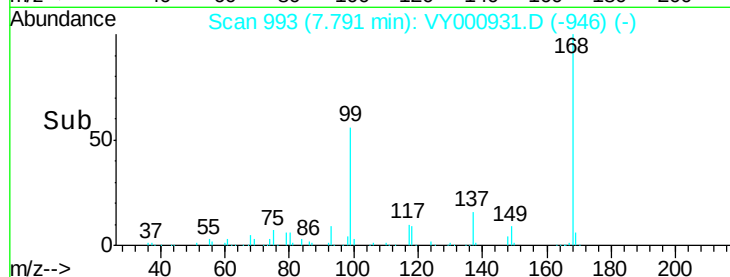
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.760 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY000931.D

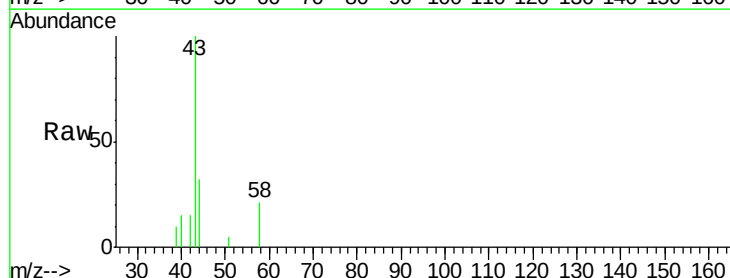
Acq: 12 Dec 2019 15:27

Tgt Ion: 43 Resp: 2176

Ion Ratio Lower Upper

43 100

58 20.9 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000931.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000931.D (-315) (-)

3.99

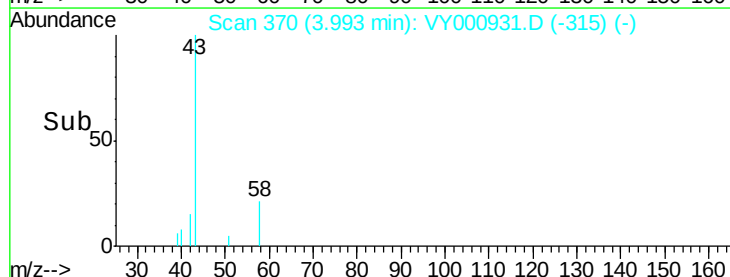
1500

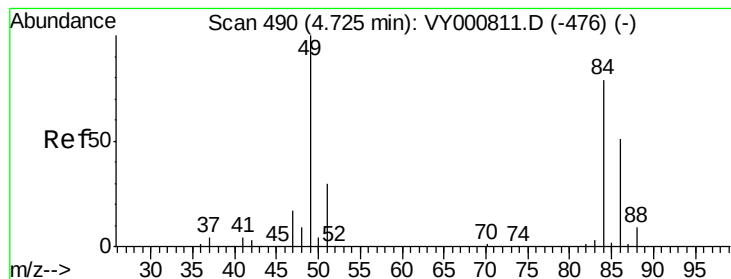
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 7.623 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

T2-COMP

Tgt Ion: 84 Resp: 23251

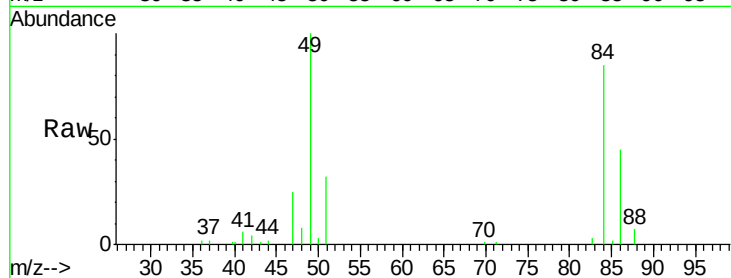
Ion Ratio Lower Upper

84 100

49 117.7 101.3 151.9

51 37.5 30.6 45.8

86 53.5 51.3 76.9

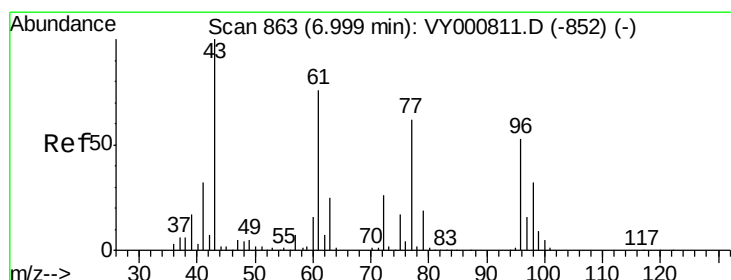
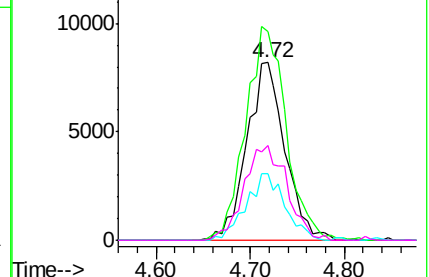
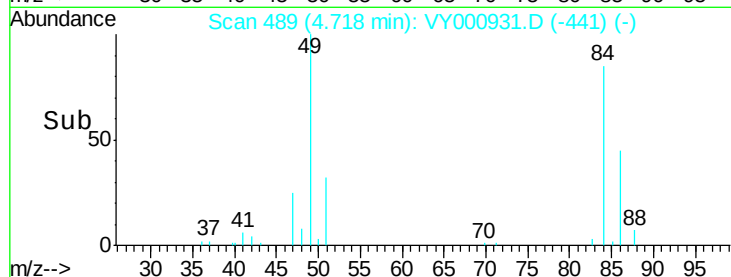


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25

2-Butanone

Concen: 3.179 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.03 min

Lab File: VY000931.D

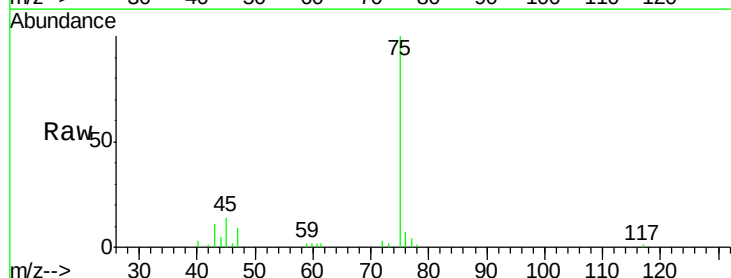
Acq: 12 Dec 2019 15:27

Tgt Ion: 43 Resp: 3398

Ion Ratio Lower Upper

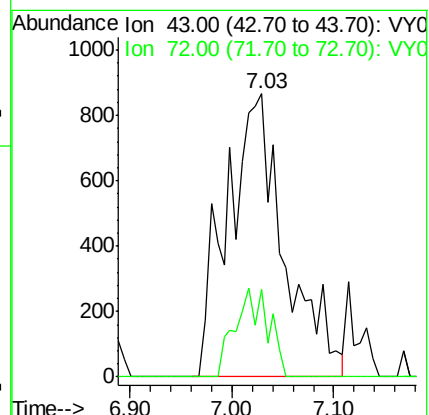
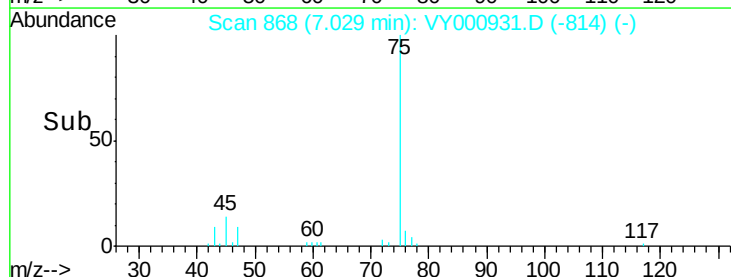
43 100

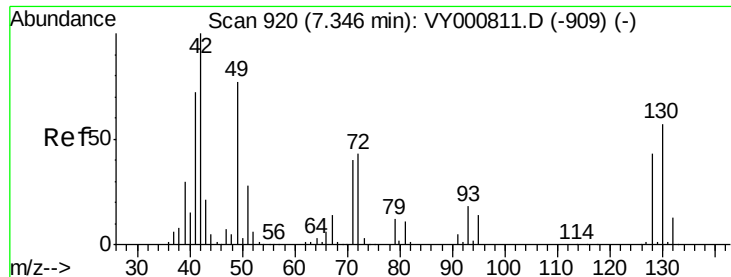
72 30.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#28

Bromochloromethane

Concen: 2.837 ug/l

RT: 7.50 min Scan# 946

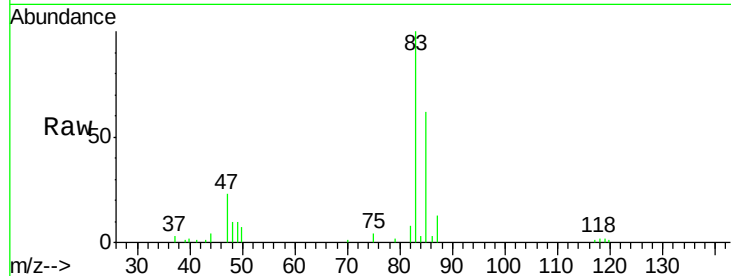
Delta R.T. 0.16 min

Lab File: VY000931.D

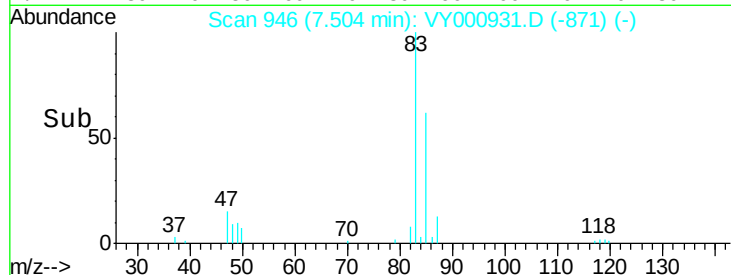
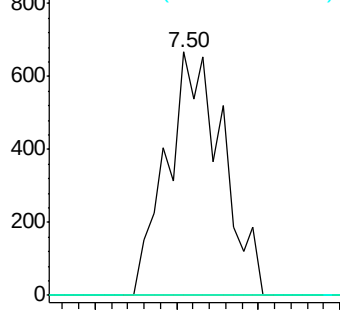
Acq: 12 Dec 2019 15:27

Instrument :
MSVOA_Y
ClientSampleId :
T2-COMP

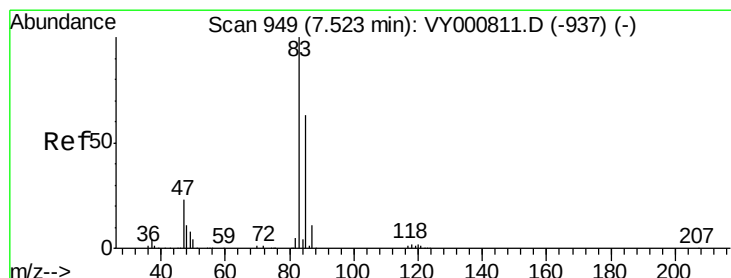
Tgt Ion: 49 Resp: 1587
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0



Time-->



#30

Chloroform

Concen: 3.335 ug/l

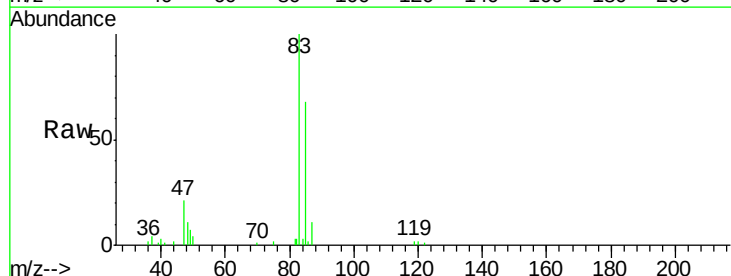
RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

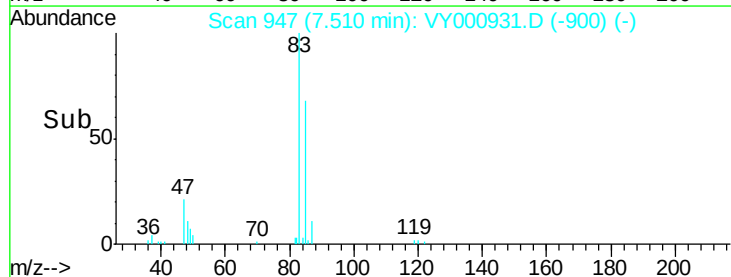
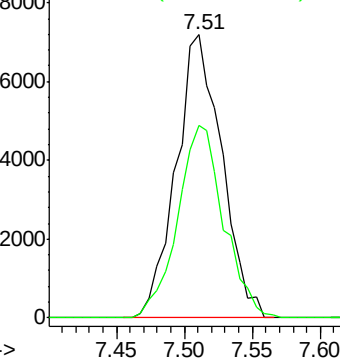
Lab File: VY000931.D

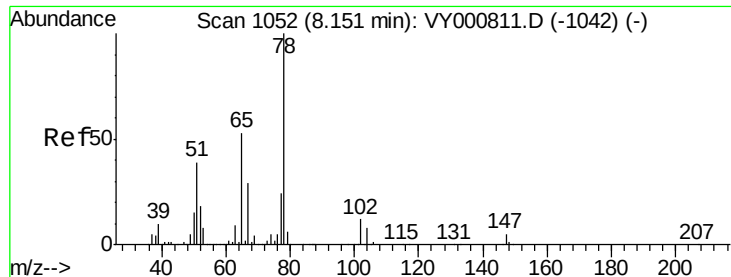
Acq: 12 Dec 2019 15:27

Tgt Ion: 83 Resp: 16914
Ion Ratio Lower Upper
83 100
85 67.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

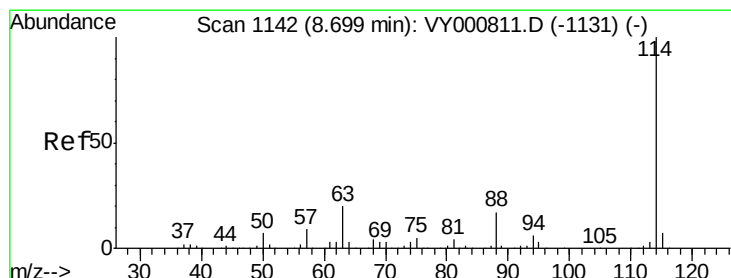
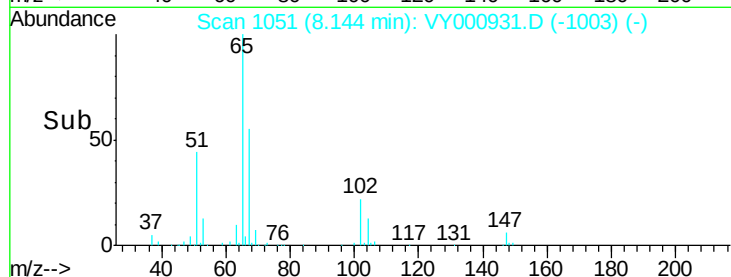
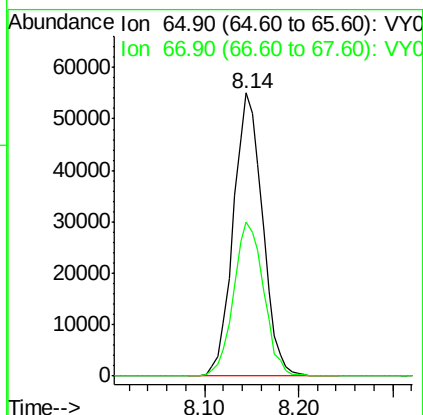
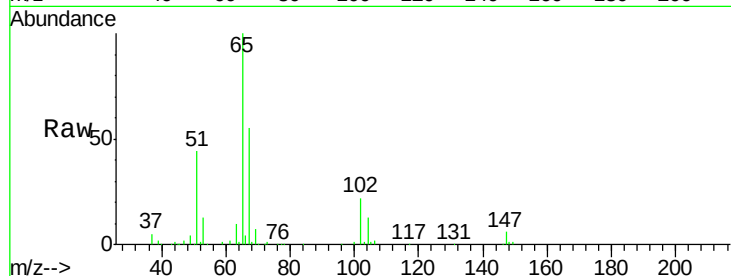




#33
 1,2-Dichloroethane-d4
 Concen: 47.151 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000931.D
 Acq: 12 Dec 2019 15:27

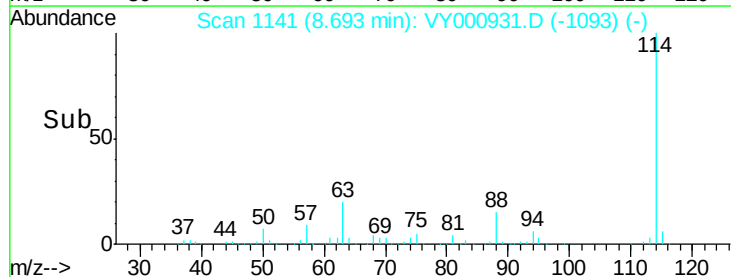
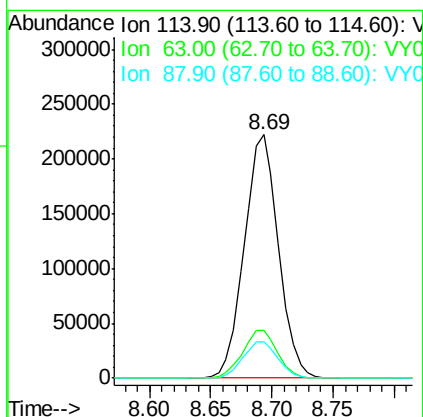
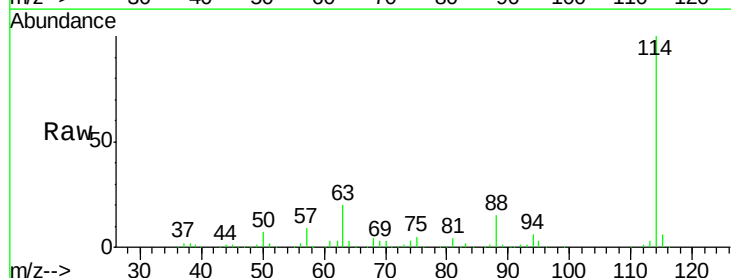
Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-COMP

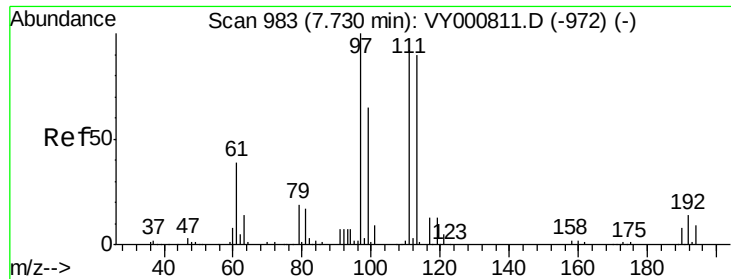
Tgt Ion: 65 Resp: 118939
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000931.D
 Acq: 12 Dec 2019 15:27

Tgt Ion: 114 Resp: 431234
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 14.8 0.0 33.2

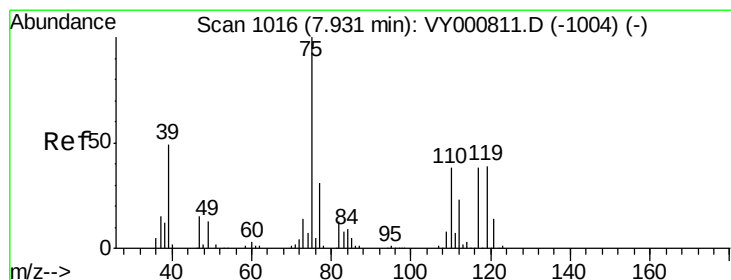
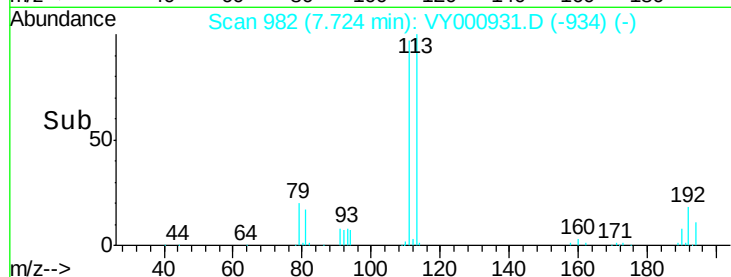
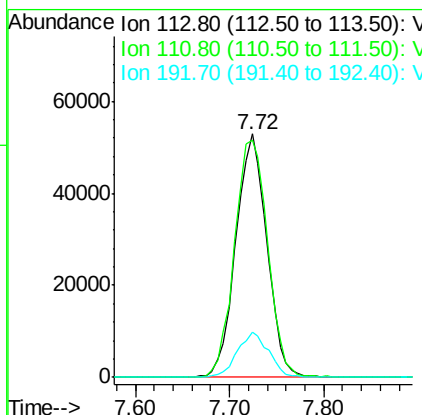
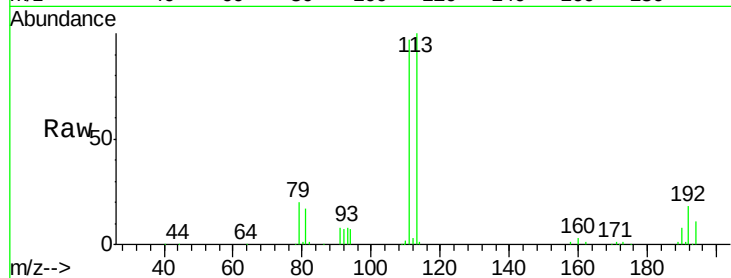




#35
 Dibromofluoromethane
 Concen: 48.092 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000931.D
 Acq: 12 Dec 2019 15:27

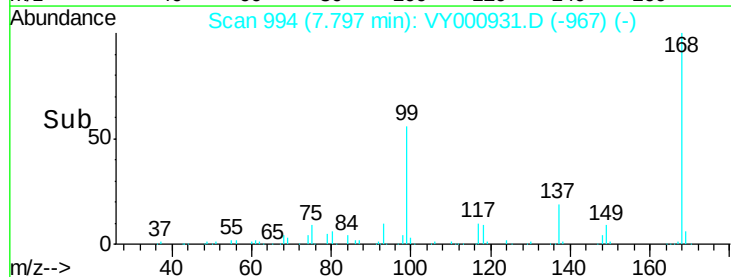
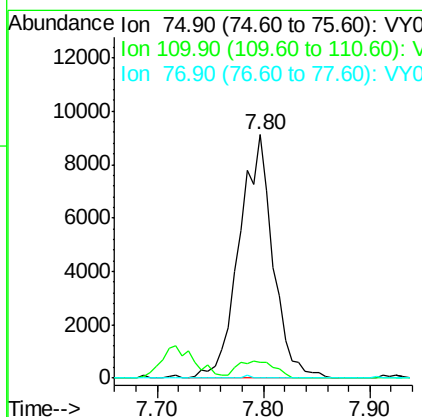
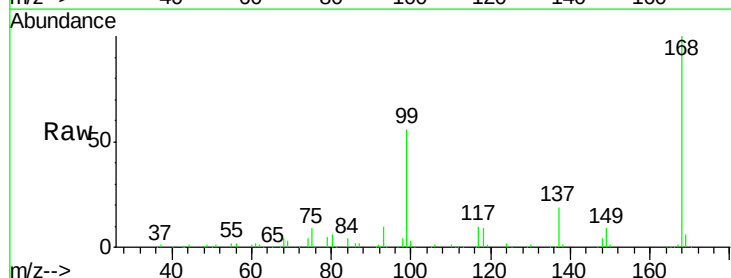
Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-COMP

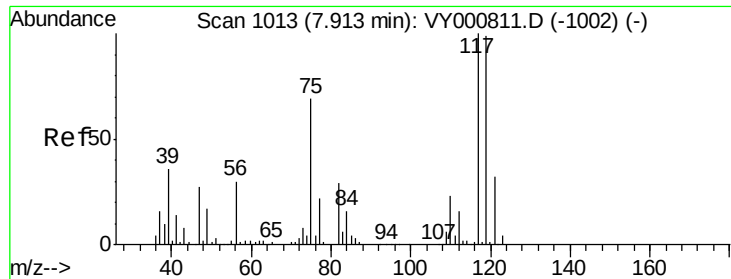
Tgt Ion:113 Resp: 120866
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.4 123.6
 192 18.8 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.717 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000931.D
 Acq: 12 Dec 2019 15:27

Tgt Ion: 75 Resp: 20226
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.9 53.7#
 77 0.2 24.7 37.1#

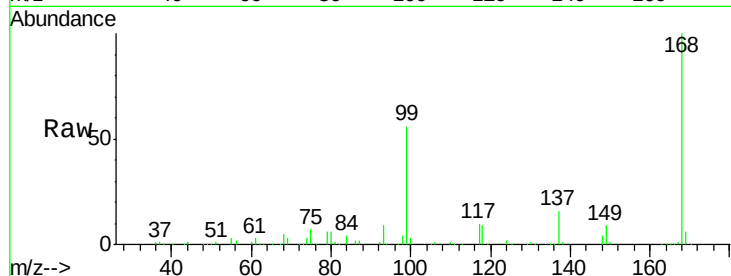




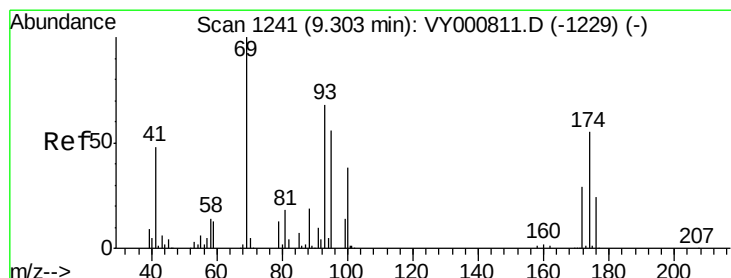
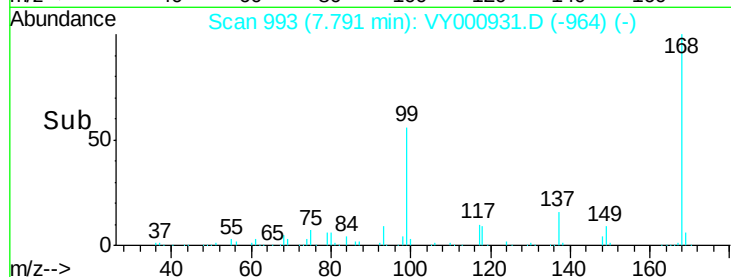
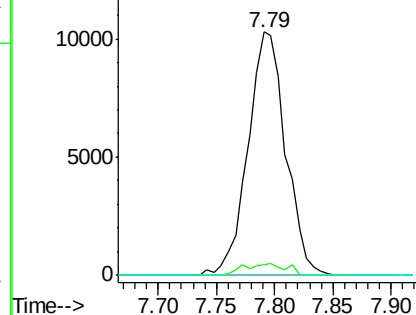
#38
Carbon Tetrachloride
Concen: 6.057 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Instrument :
MSVOA_Y
ClientSampleId :
T2-COMP

Tgt Ion: 117 Resp: 23127
Ion Ratio Lower Upper
117 100
119 4.1 79.3 118.9#
121 0.0 25.5 38.3#

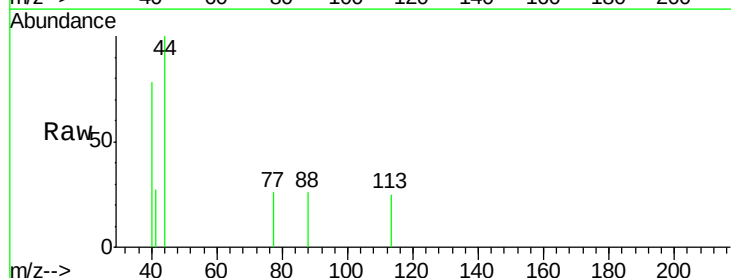


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

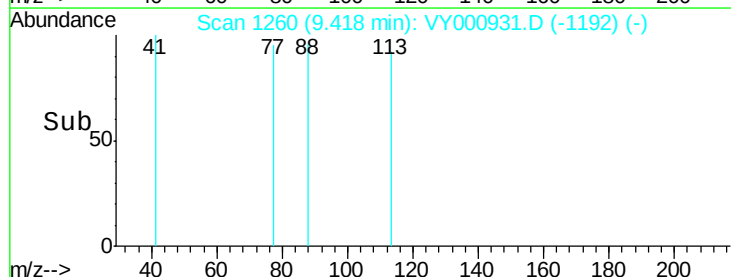
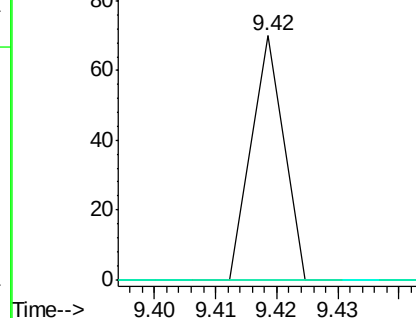


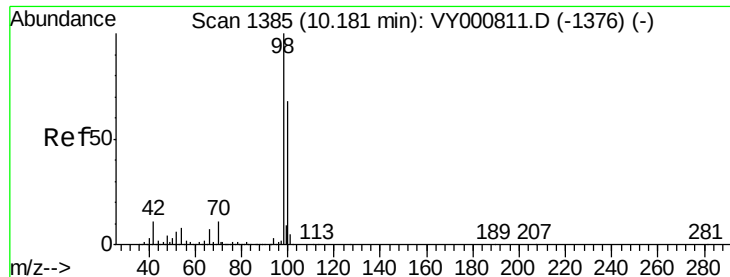
#49
1,4-Dioxane
Concen: 1.119 ug/l
RT: 9.42 min Scan# 1260
Delta R.T. 0.12 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 21.1 31.7#
58 0.0 50.7 76.1#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

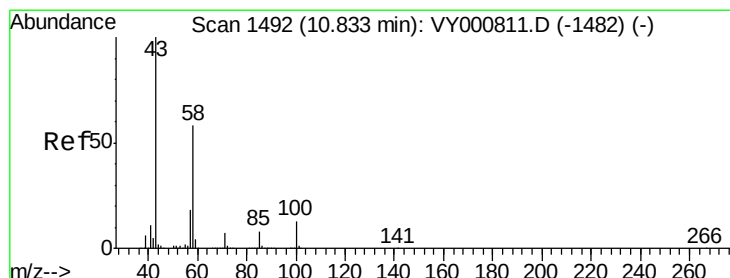
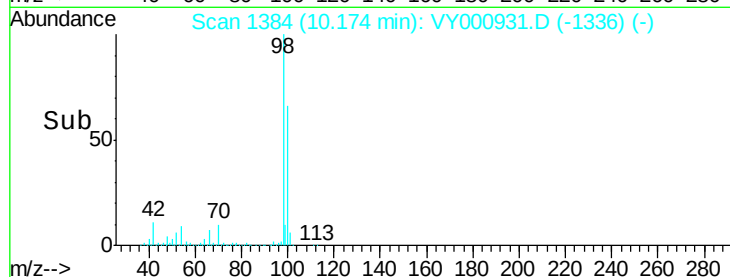
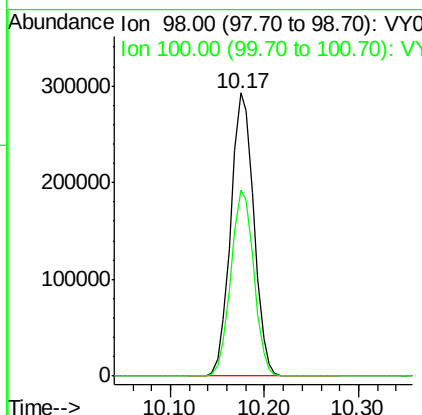
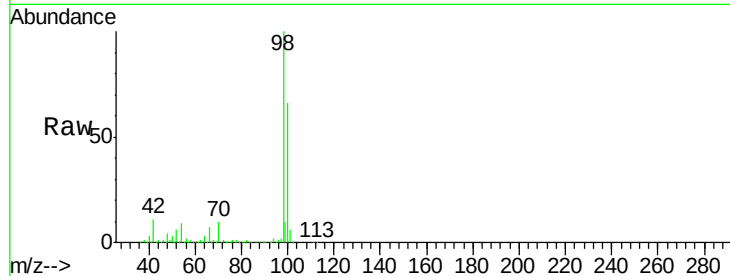




#50
Toluene-d8
Concen: 49.507 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

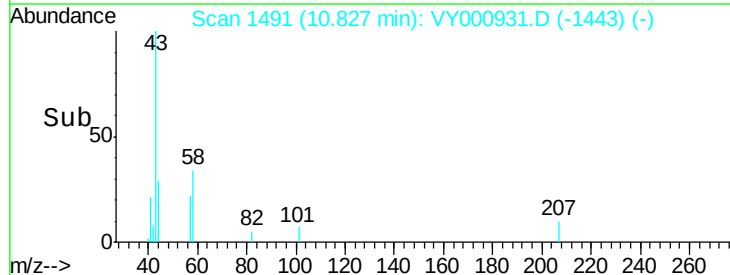
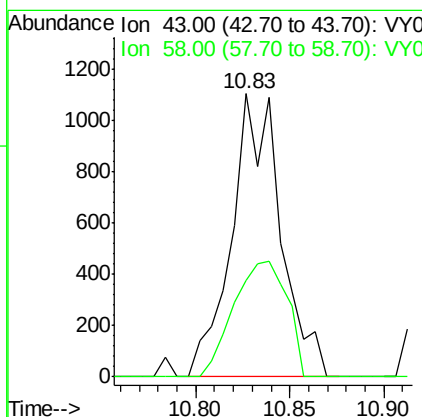
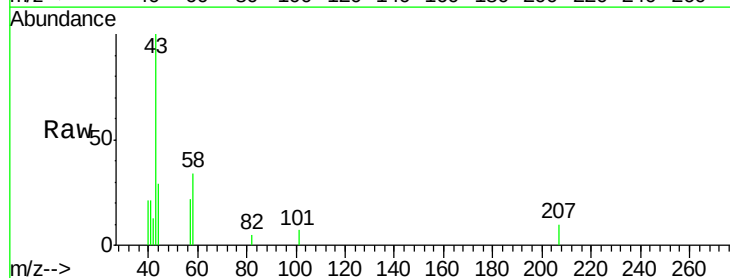
Instrument :
MSVOA_Y
ClientSampleId :
T2-COMP

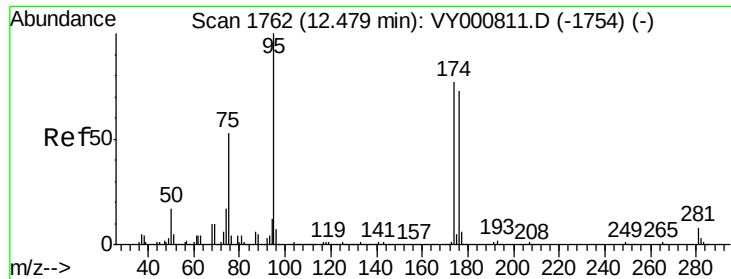
Tgt Ion: 98 Resp: 497436
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#59
2-Hexanone
Concen: 1.136 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
58 44.5 29.0 87.1

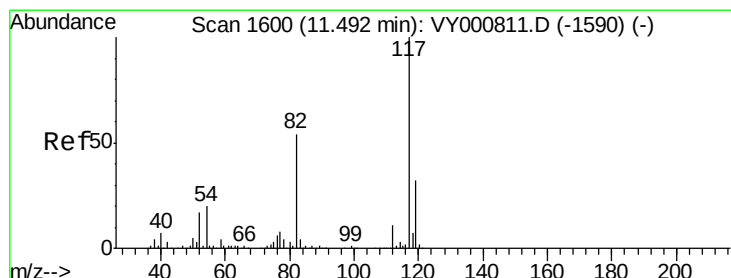
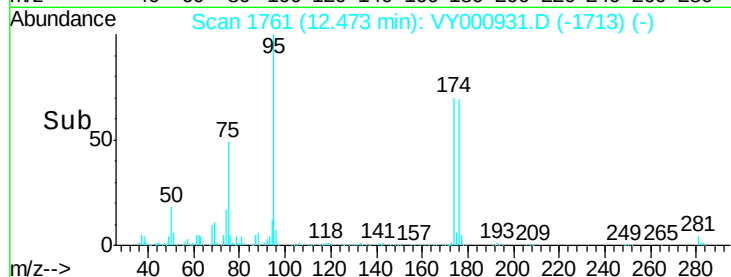
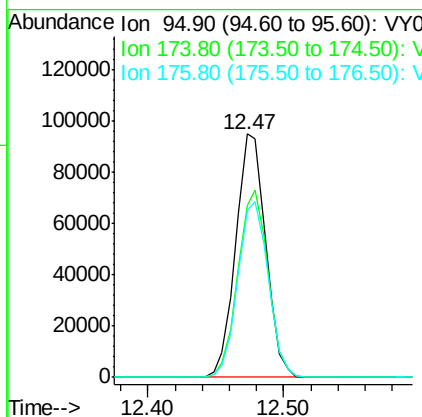
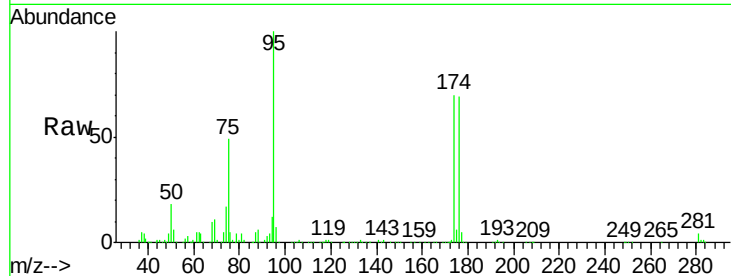




#62
4-Bromofluorobenzene
Concen: 38.565 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

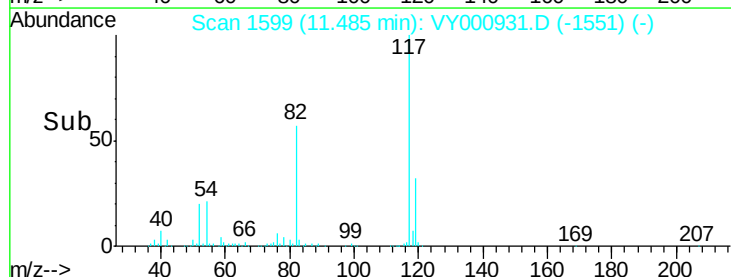
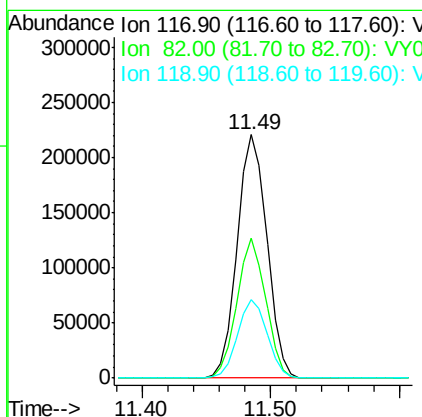
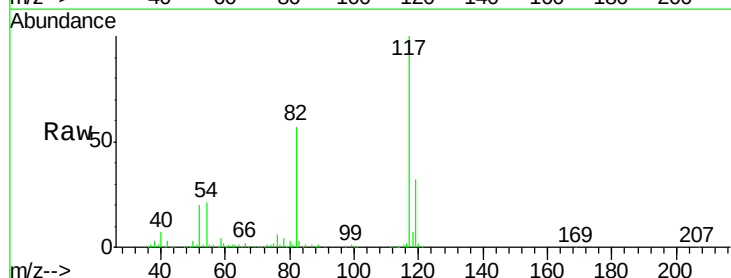
Instrument :
MSVOA_Y
ClientSampleId :
T2-COMP

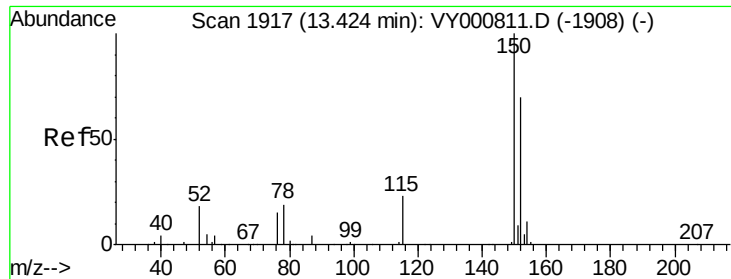
Tgt Ion: 95 Resp: 145524
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.6
176 73.7 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Tgt Ion: 117 Resp: 353803
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 32.3 25.3 37.9



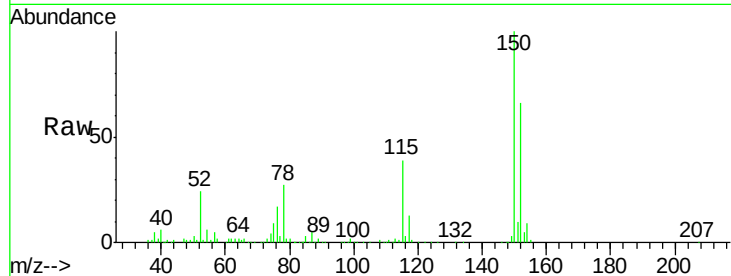


#72

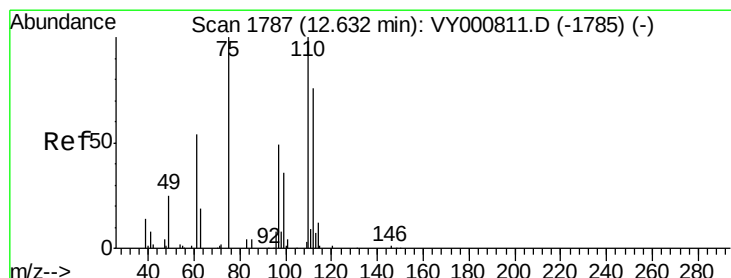
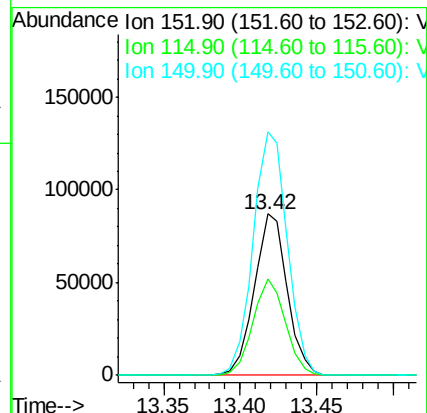
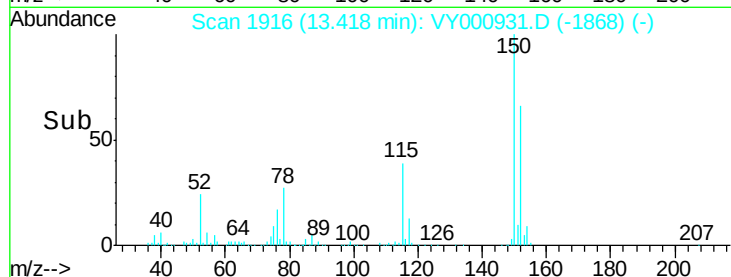
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Instrument :
MSVOA_Y
ClientSampleId :
T2-COMP

Tgt Ion:152 Resp: 130000
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 156.8 0.0 351.2



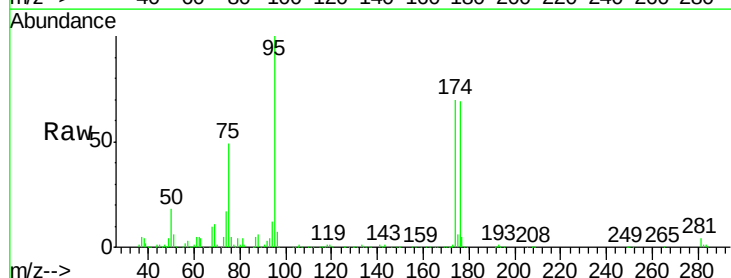
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



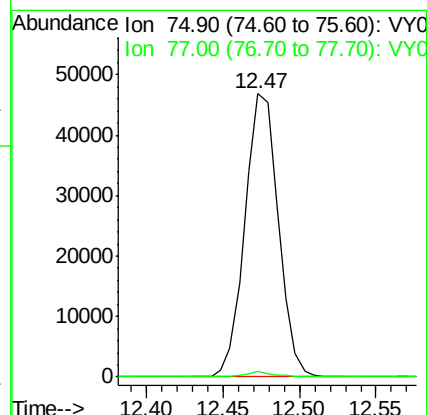
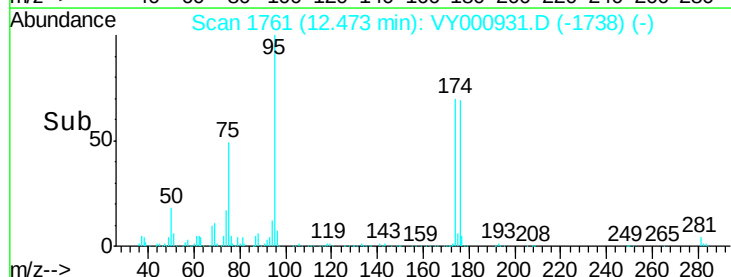
#76

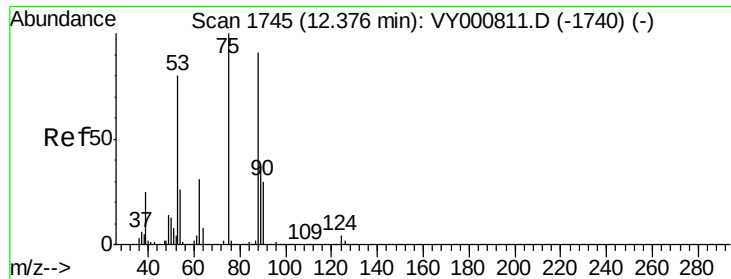
1,2,3-Trichloropropane
Concen: 48.348 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000931.D
Acq: 12 Dec 2019 15:27

Tgt Ion: 75 Resp: 71211
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: 94.969 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000931.D

Acq: 12 Dec 2019 15:27

Instrument :

MSVOA_Y

ClientSampleId :

T2-COMP

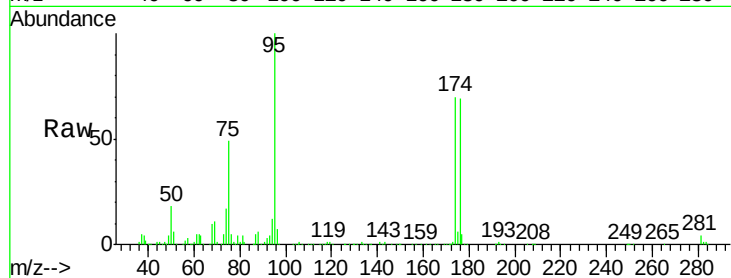
Tgt Ion: 75 Resp: 71211

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#



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

