

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
 Data File : VY001010.D
 Acq On : 19 Dec 2019 13:14
 Operator : SY/MD
 Sample : K6370-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-3RE

Quant Time: Dec 20 03:48:31 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	233314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	436227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	336197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104062	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	130993	52.84	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.73	113	124720	49.06	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	495421	48.74	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	129969	34.05	ug/l	0.00
Spiked Amount						

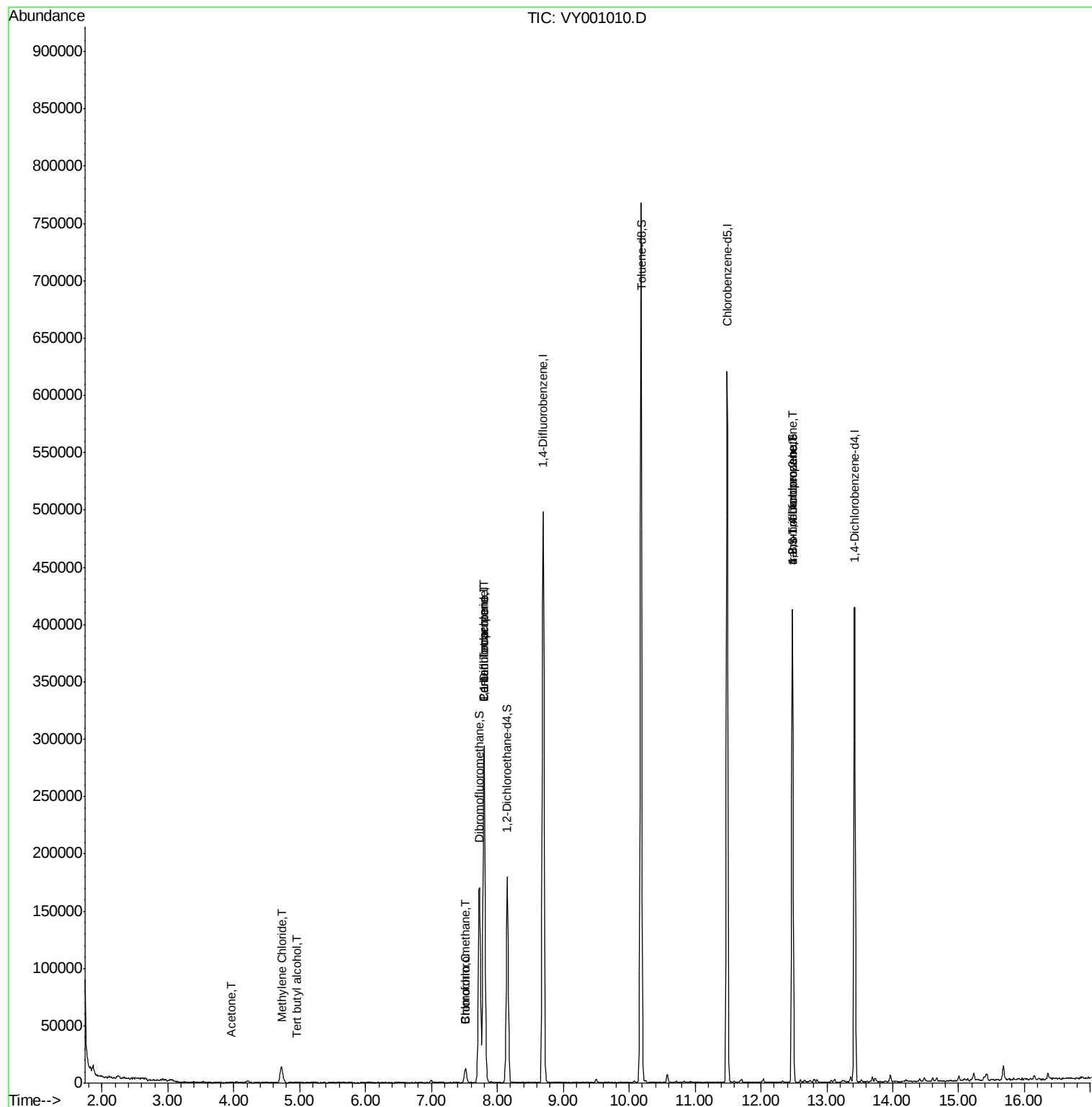
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	130	Below Cal	#	42
11) Tert butyl alcohol	4.96	59	362	1.451	ug/l #	74
16) Acetone	3.96	43	923	1.623	ug/l #	87
20) Methylene Chloride	4.72	84	10715	3.574	ug/l #	81
28) Bromochloromethane	7.52	49	907	2.493	ug/l #	15
30) Chloroform	7.52	83	12250	2.458	ug/l	91
36) 1,1-Dichloropropene	7.80	75	19291	4.448	ug/l #	50
38) Carbon Tetrachloride	7.80	117	23824	6.168	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	63603	53.946	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63603	105.965	ug/l #	17

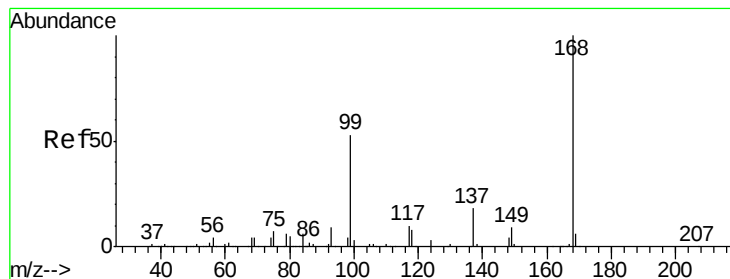
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121919\
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QLast Update : Wed Nov 27 12:40:47 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: VY001010.D

Acq: 19 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

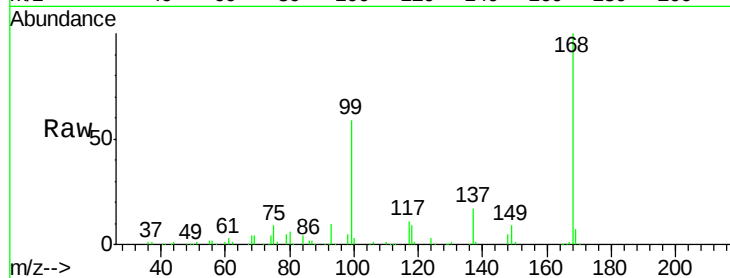
TP1-3RE

Tgt Ion: 168 Resp: 233314

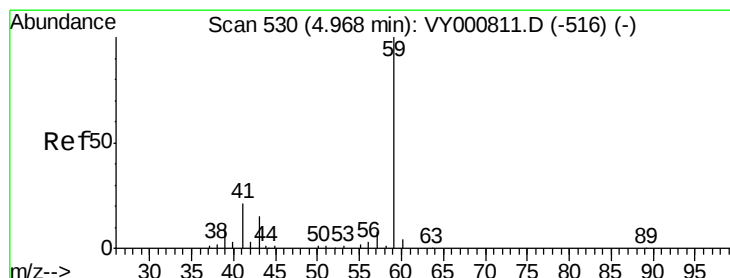
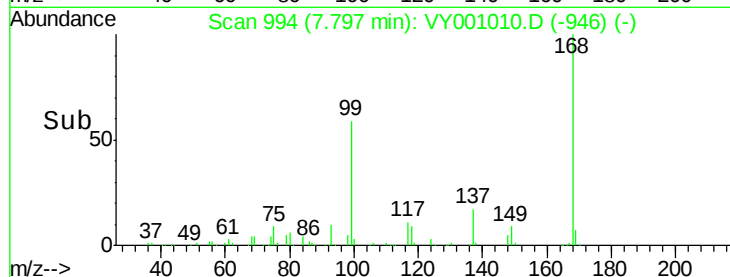
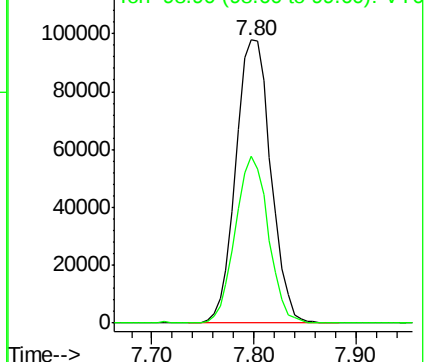
Ion Ratio Lower Upper

168 100

99 58.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001010.D (-946) (-)



#11

Tert butyl alcohol

Concen: 1.451 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY001010.D

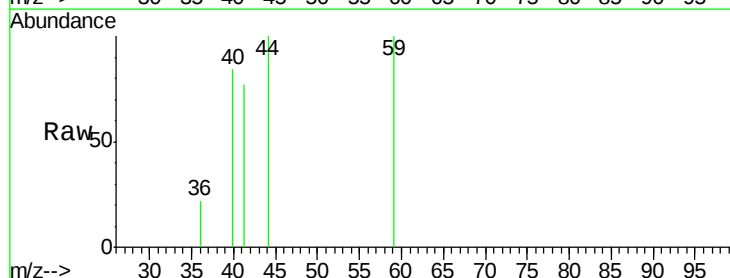
Acq: 19 Dec 2019 13:14

Tgt Ion: 59 Resp: 362

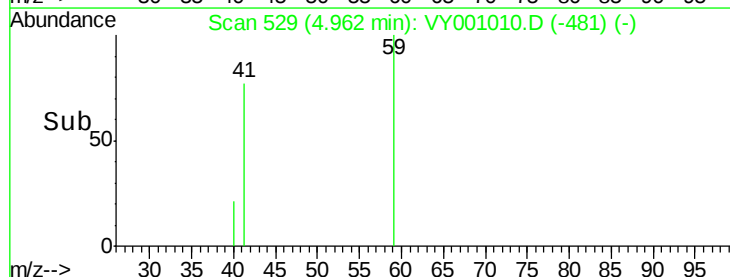
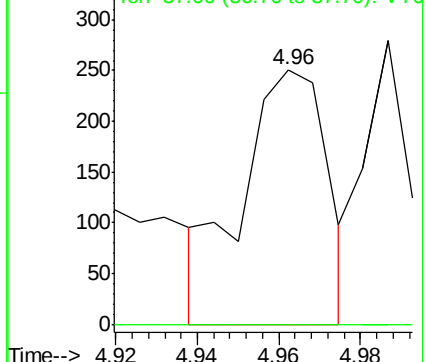
Ion Ratio Lower Upper

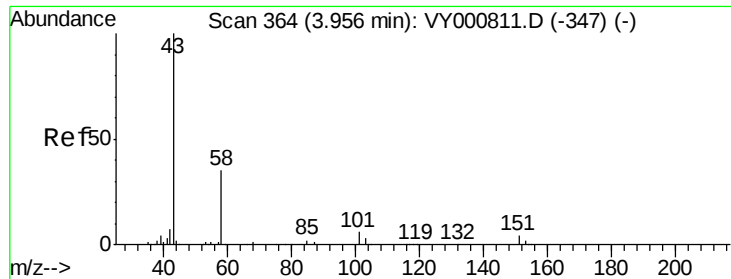
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001010.D (-481) (-)





#16

Acetone

Concen: 1.623 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001010.D

Acq: 19 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

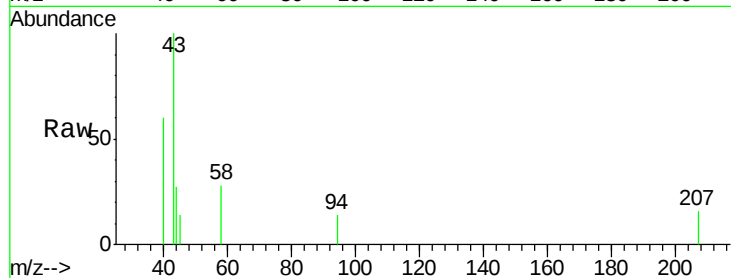
TP1-3RE

Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

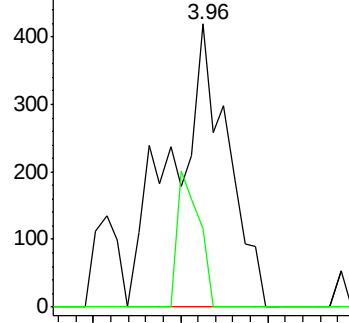
43 100

58 27.7 28.0 42.0#

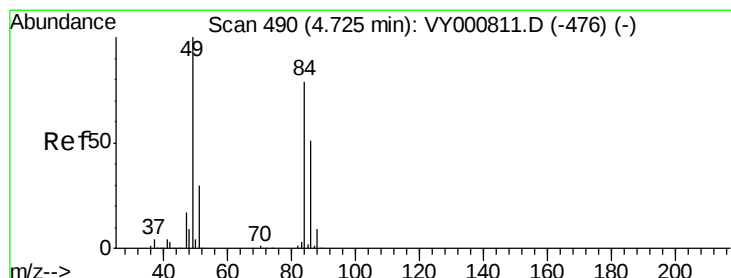
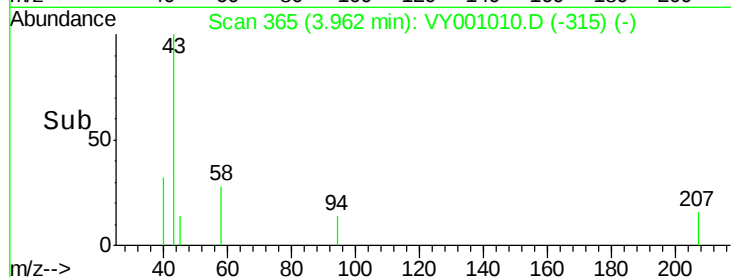


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#20

Methylene Chloride

Concen: 3.574 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY001010.D

Acq: 19 Dec 2019 13:14

Tgt Ion: 84 Resp: 10715

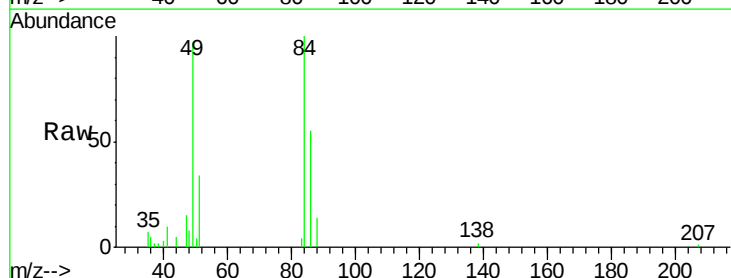
Ion Ratio Lower Upper

84 100

49 96.6 101.3 151.9#

51 34.3 30.6 45.8

86 55.3 51.3 76.9

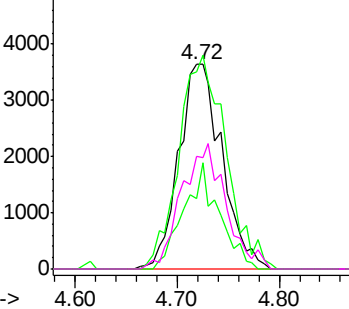


Abundance Ion 83.90 (83.60 to 84.60): VY0

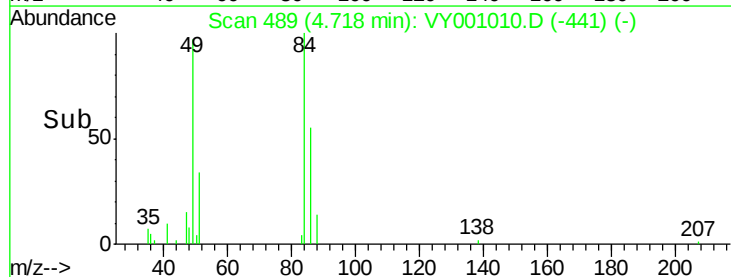
Ion 48.90 (48.60 to 49.60): VY0

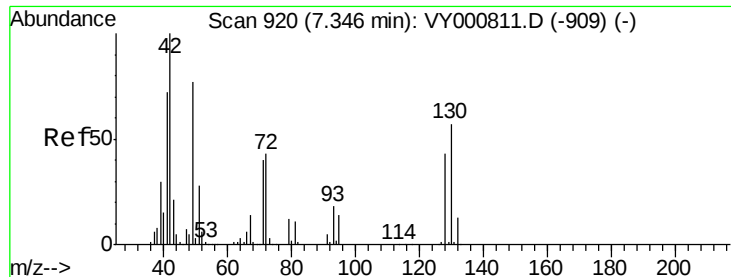
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



Time-->

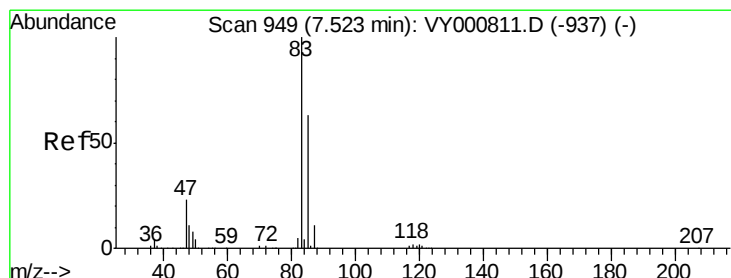
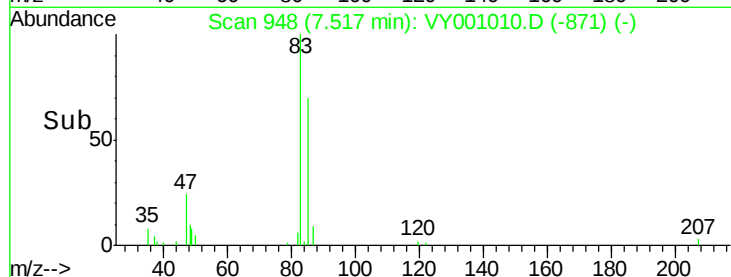
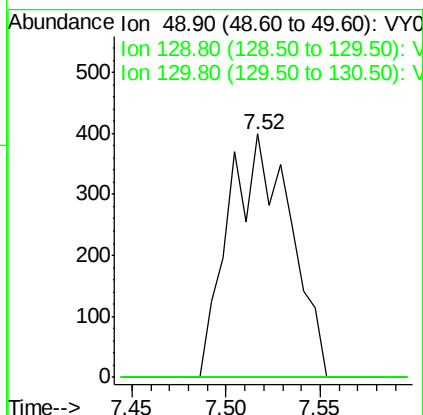
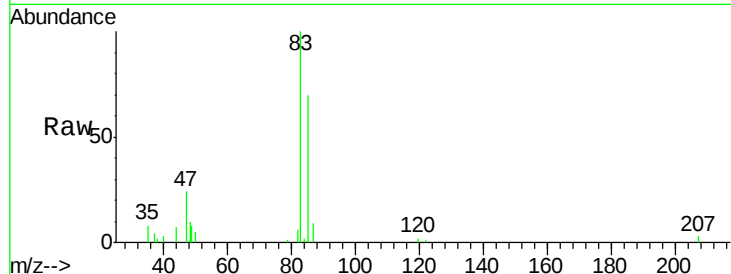




#28
 Bromochloromethane
 Concen: 2.493 ug/l
 RT: 7.52 min Scan# 948
 Delta R.T. 0.17 min
 Lab File: VY001010.D
 Acq: 19 Dec 2019 13:14

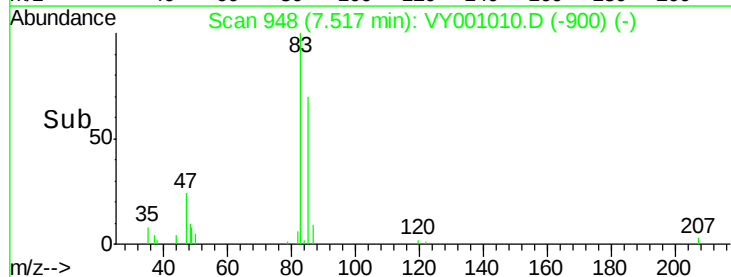
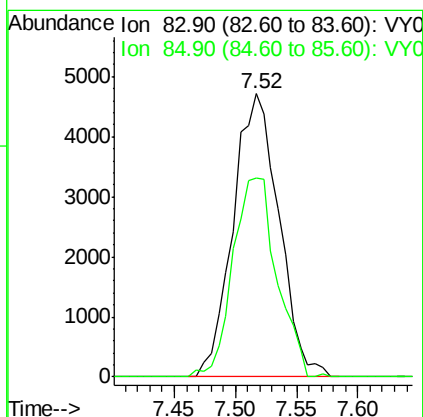
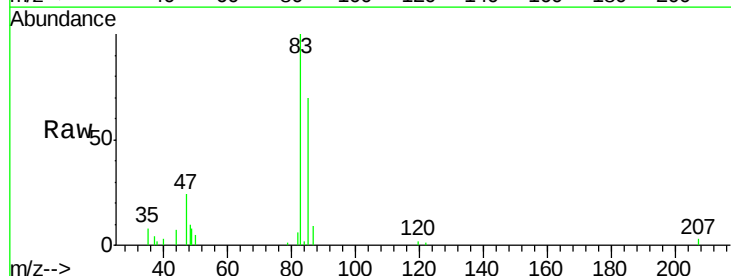
Instrument :
 MSVOA_Y
 ClientSampled :
 TP1-3RE

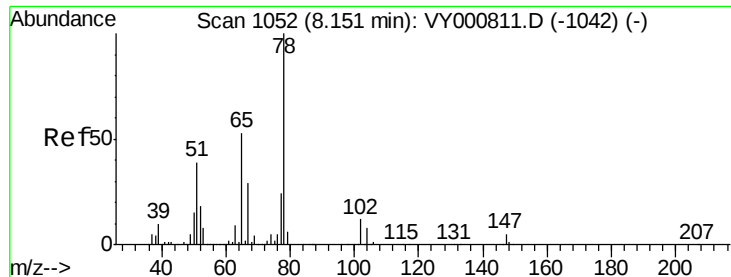
Tgt Ion: 49 Resp: 907
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 58.7 88.1#



#30
 Chloroform
 Concen: 2.458 ug/l
 RT: 7.52 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: VY001010.D
 Acq: 19 Dec 2019 13:14

Tgt Ion: 83 Resp: 12250
 Ion Ratio Lower Upper
 83 100
 85 70.1 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 52.838 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001010.D

Acq: 19 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

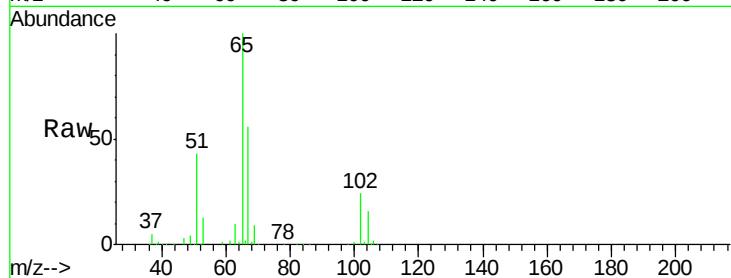
TP1-3RE

Tgt Ion: 65 Resp: 130993

Ion Ratio Lower Upper

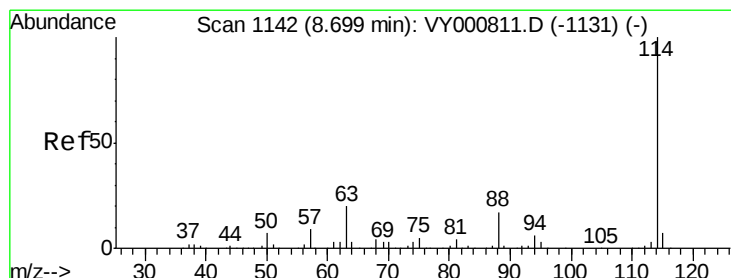
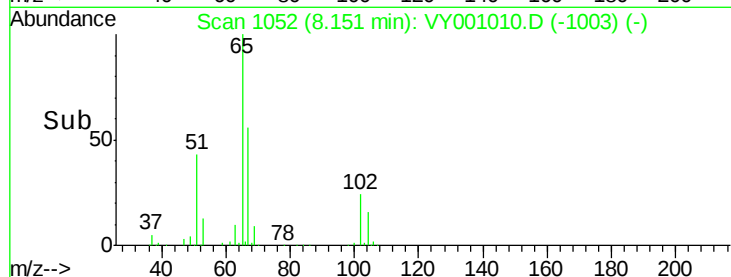
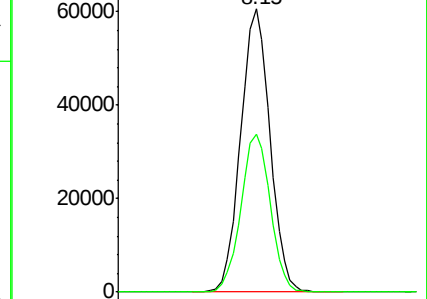
65 100

67 56.0 0.0 112.0



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: VY001010.D

Acq: 19 Dec 2019 13:14

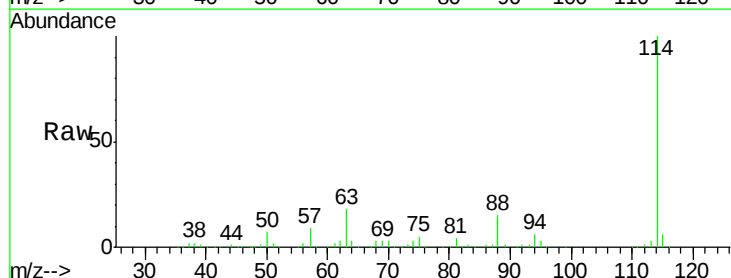
Tgt Ion: 114 Resp: 436227

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

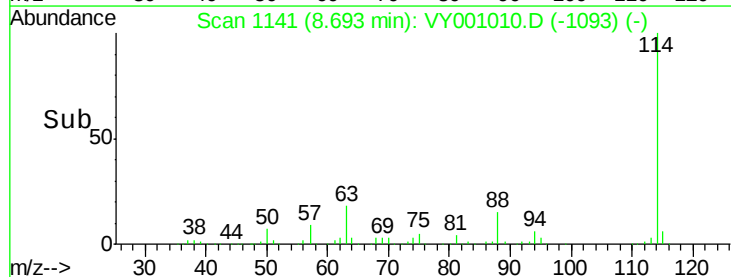
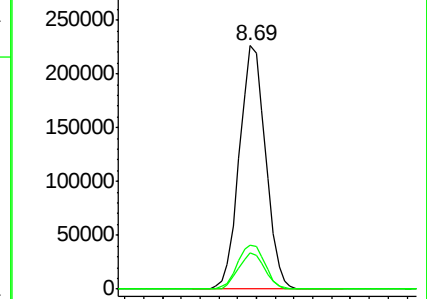
88 14.6 0.0 33.2

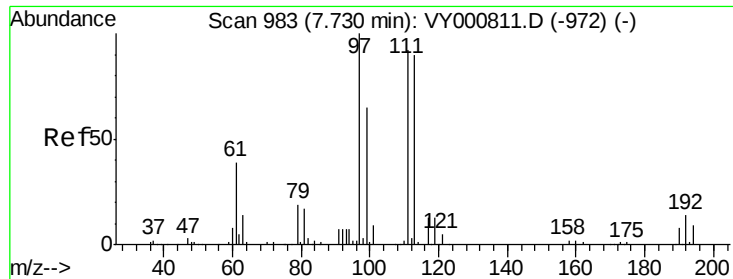


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

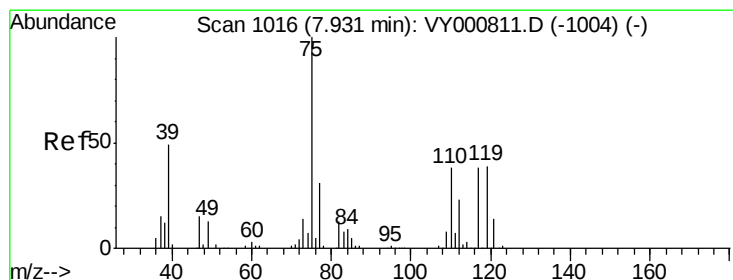
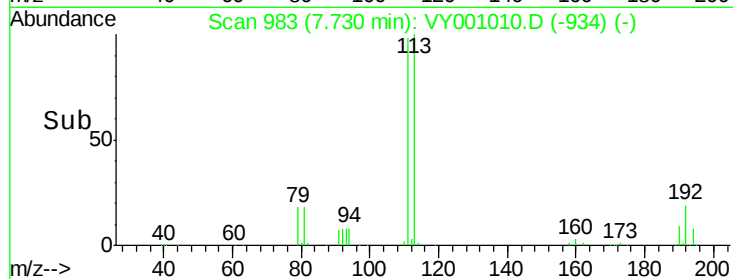
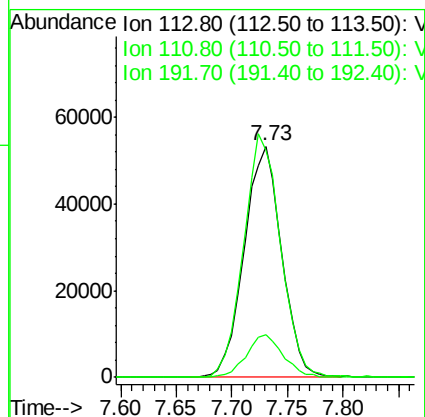
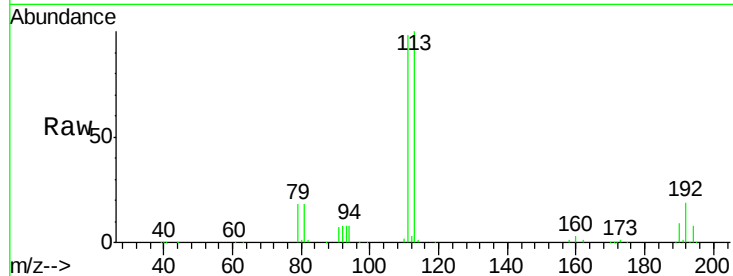




#35
 Dibromofluoromethane
 Concen: 49.057 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY001010.D
 Acq: 19 Dec 2019 13:14

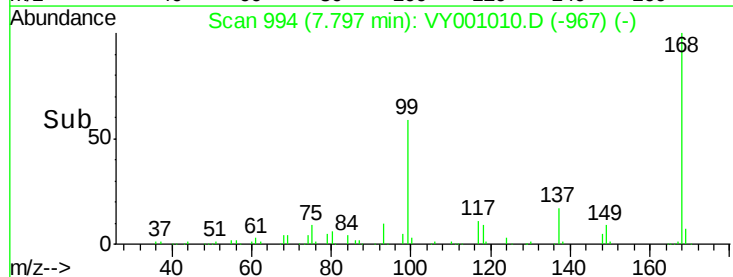
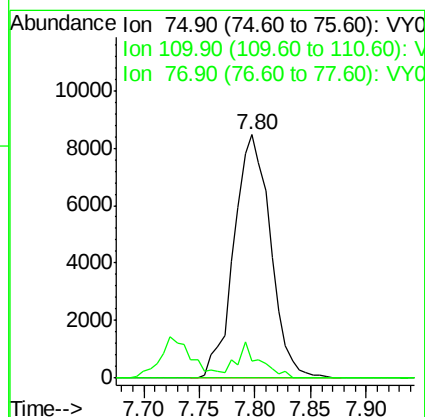
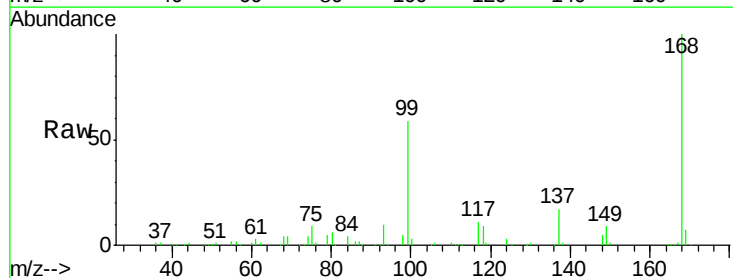
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-3RE

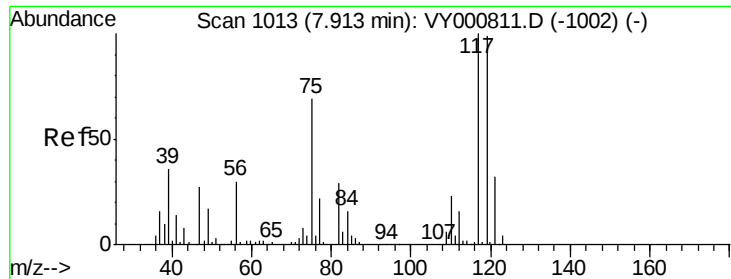
Tgt Ion:113 Resp: 124720
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.4 123.6
 192 18.0 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 4.448 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001010.D
 Acq: 19 Dec 2019 13:14

Tgt Ion: 75 Resp: 19291
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.9 53.7#
 77 0.0 24.7 37.1#

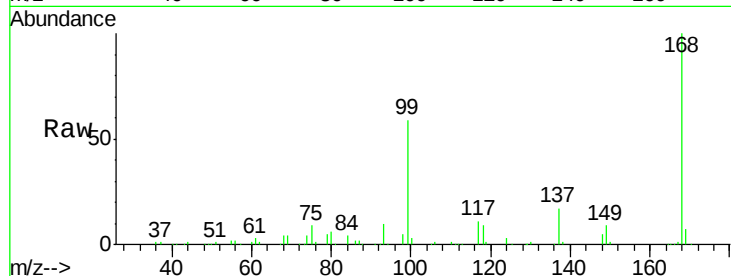




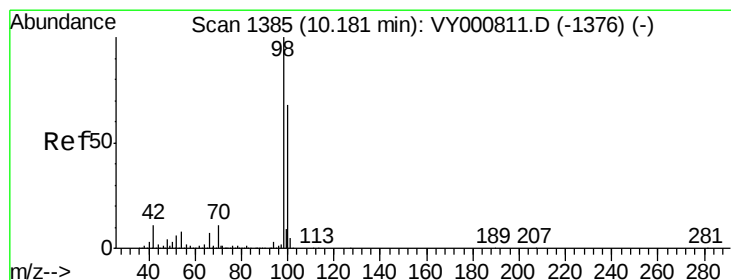
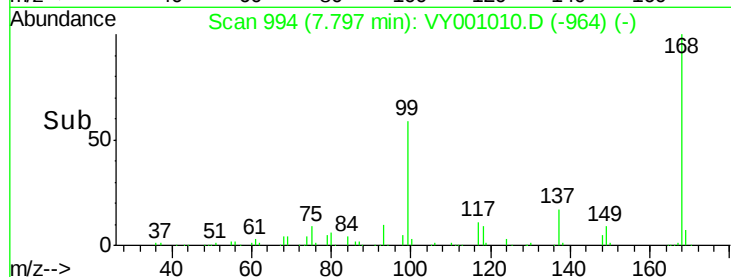
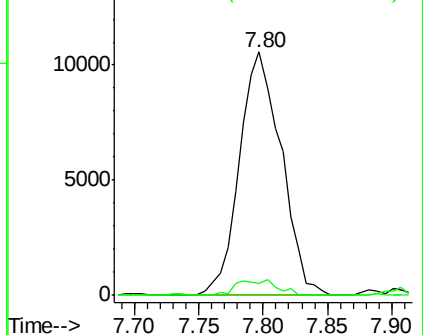
#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY001010.D
Acq: 19 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
TP1-3RE

Tgt Ion: 117 Resp: 23824
Ion Ratio Lower Upper
117 100
119 5.0 79.3 118.9#
121 0.0 25.5 38.3#

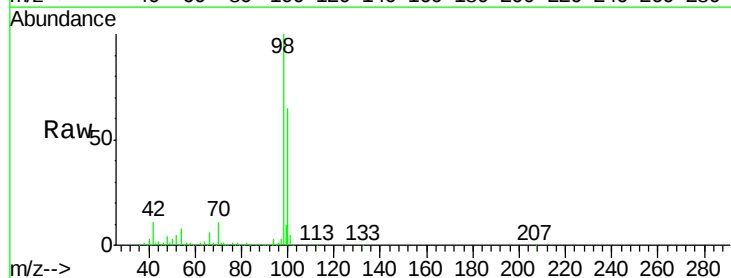


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

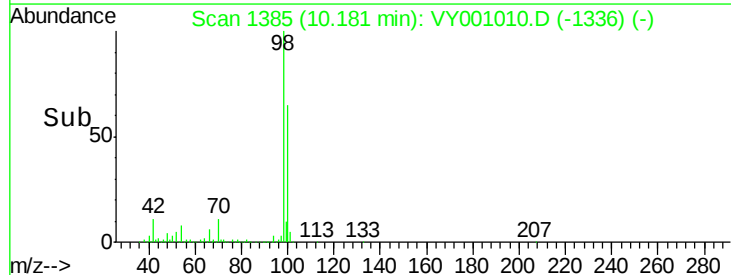
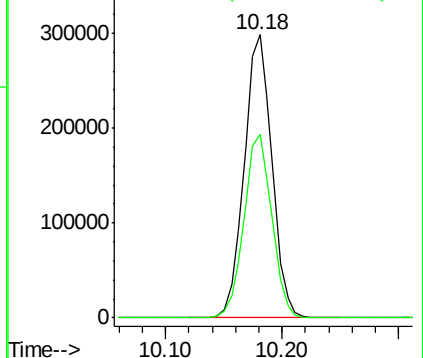


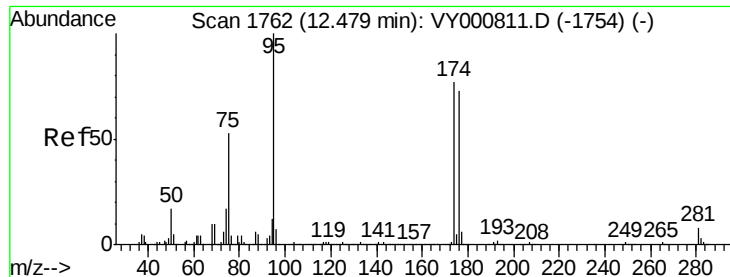
#50
Toluene-d8
Concen: 48.742 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001010.D
Acq: 19 Dec 2019 13:14

Tgt Ion: 98 Resp: 495421
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

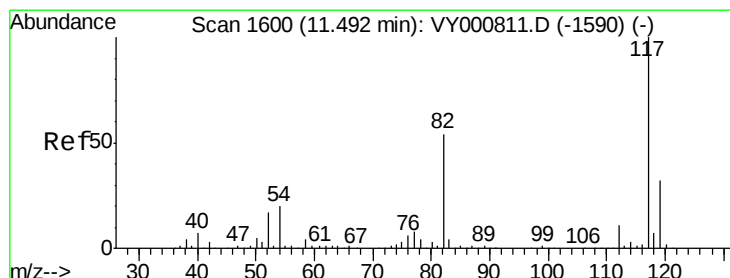
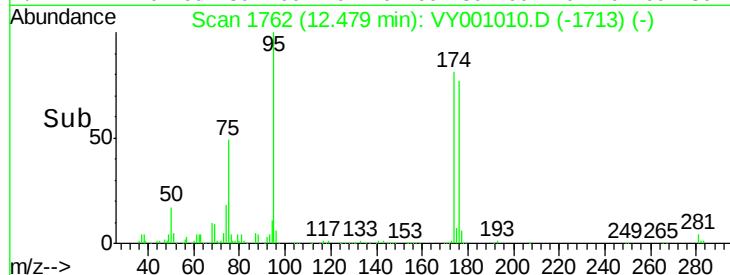
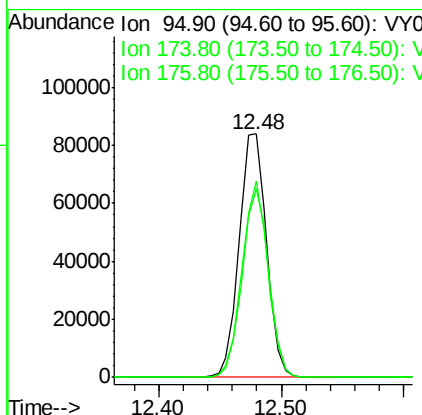
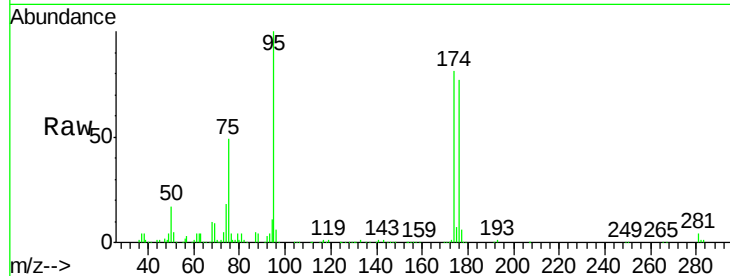




#62
4-Bromofluorobenzene
Concen: 34.049 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001010.D
Acq: 19 Dec 2019 13:14

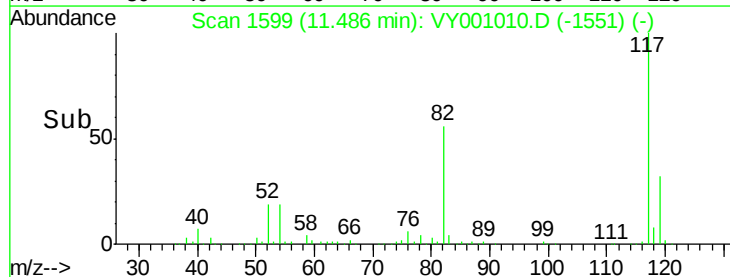
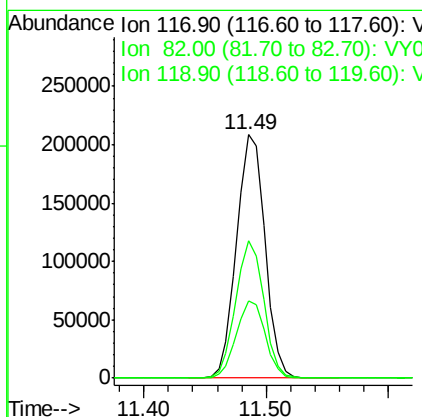
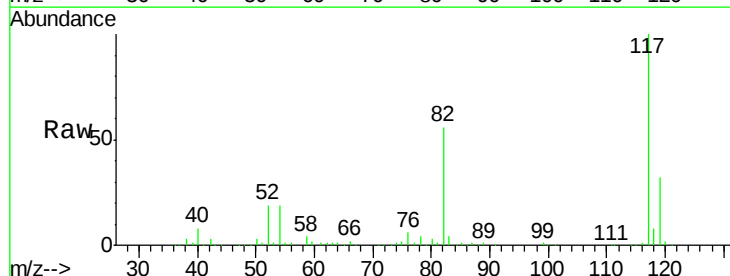
Instrument :
MSVOA_Y
ClientSampled :
TP1-3RE

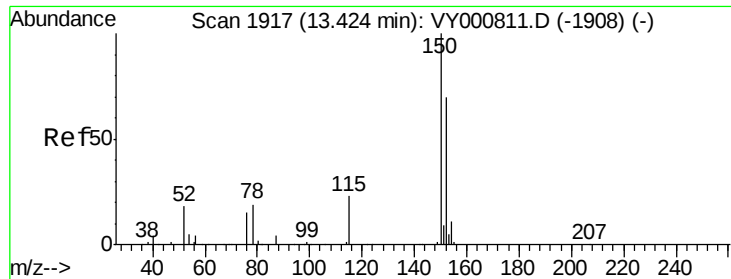
Tgt Ion: 95 Resp: 129969
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 74.5 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001010.D
Acq: 19 Dec 2019 13:14

Tgt Ion: 117 Resp: 336197
Ion Ratio Lower Upper
117 100
82 56.4 43.1 64.7
119 31.8 25.3 37.9



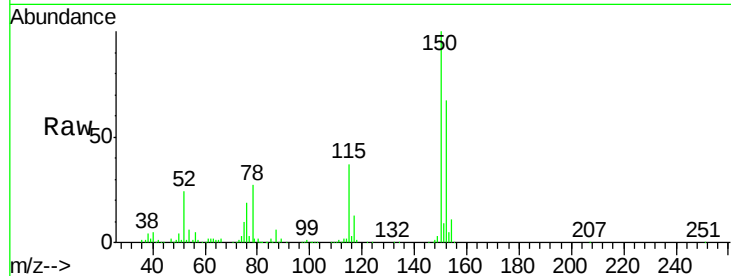


#72

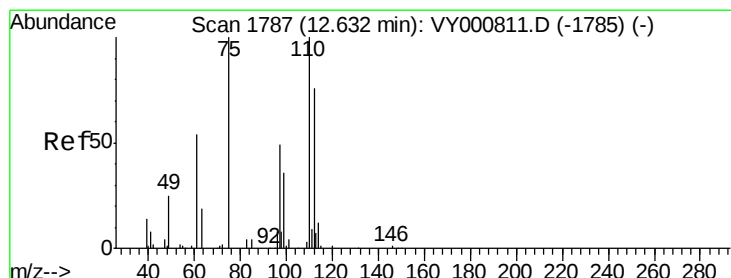
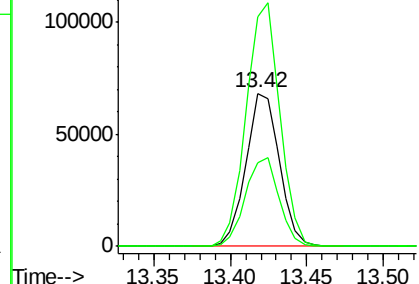
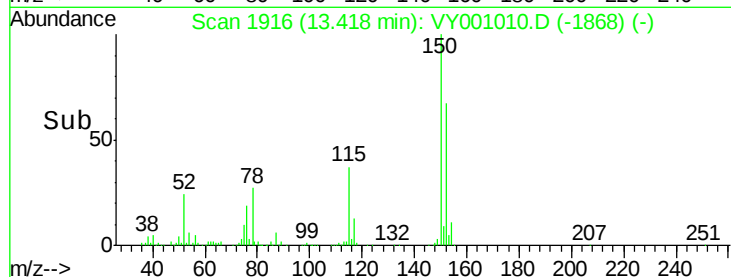
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY001010.D
Acq: 19 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
TP1-3RE

Tgt Ion: 152 Resp: 104062
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.8
150 158.8 0.0 351.2



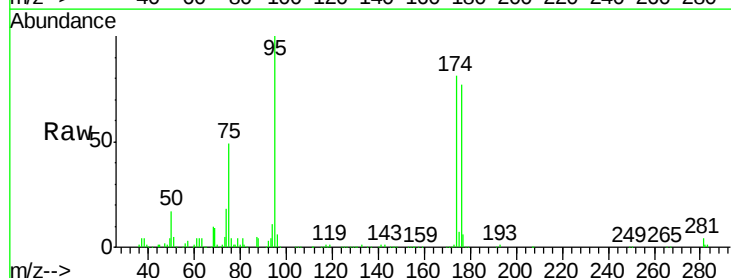
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



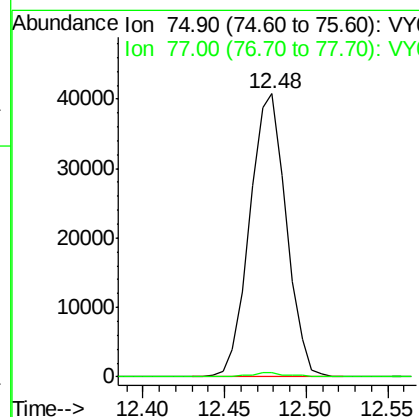
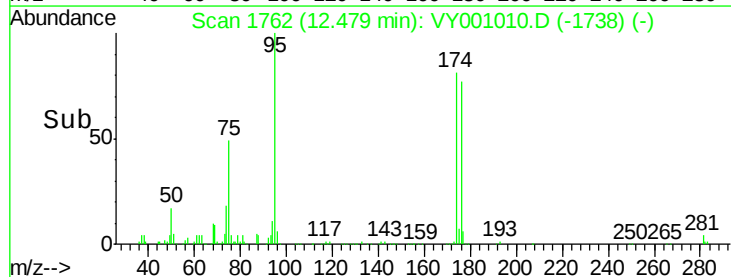
#76

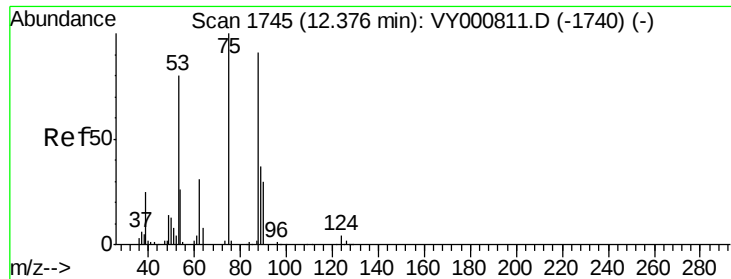
1,2,3-Trichloropropane
Concen: 53.946 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001010.D
Acq: 19 Dec 2019 13:14

Tgt Ion: 75 Resp: 63603
Ion Ratio Lower Upper
75 100
77 1.5 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: 105.965 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001010.D

Acq: 19 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

TP1-3RE

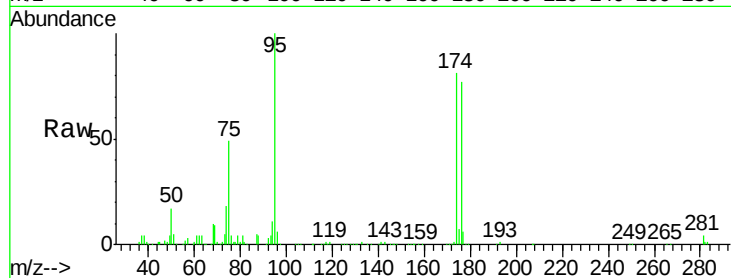
Tgt Ion: 75 Resp: 63603

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 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

