

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
 Data File : VY000983.D
 Acq On : 17 Dec 2019 16:56
 Operator : SY/MD
 Sample : K6324-05
 Misc : 6.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-13

Quant Time: Dec 18 05:52:20 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	126284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	222450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	174845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	71262	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	56305	41.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.92%	
35) Dibromofluoromethane	7.73	113	58440	45.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.16%	
50) Toluene-d8	10.18	98	259070	49.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.48	95	70141	36.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.06%	

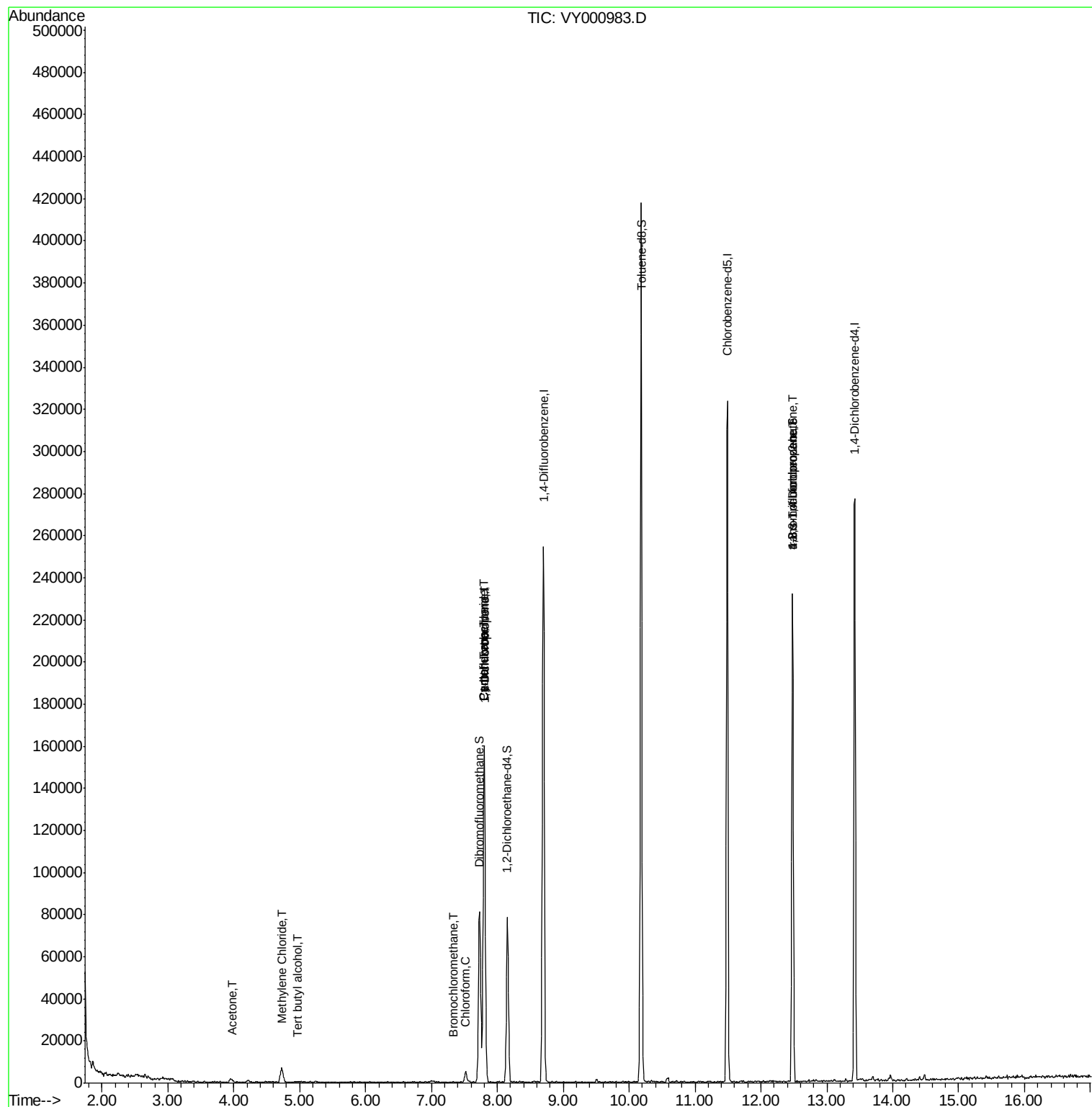
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.63	94	42	Below Cal	#	3
11) Tert butyl alcohol	4.96	59	572	4.237	ug/l #	74
16) Acetone	3.97	43	2729	8.865	ug/l	100
20) Methylene Chloride	4.72	84	4770	2.940	ug/l #	75
28) Bromochloromethane	7.33	49	21	2.036	ug/l #	15
30) Chloroform	7.52	83	5075	1.881	ug/l #	67
31) Cyclohexane	7.80	56	3059	1.074	ug/l #	10
36) 1,1-Dichloropropene	7.81	75	9826	4.442	ug/l #	44
38) Carbon Tetrachloride	7.80	117	12547	6.370	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	35549	44.029	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	35549	86.486	ug/l #	17

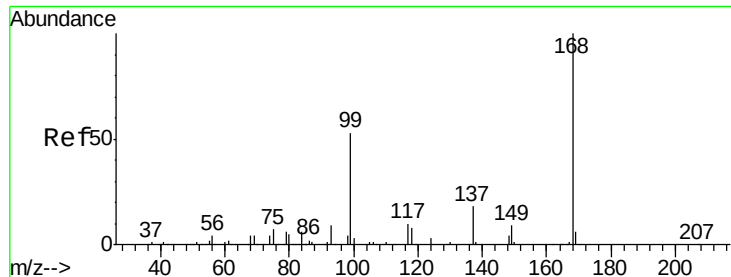
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampled :

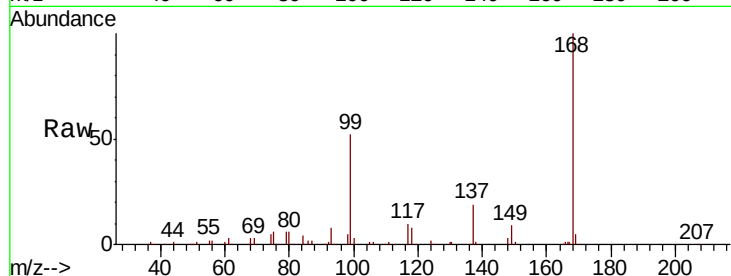
EP-13

Tgt Ion:168 Resp: 126284

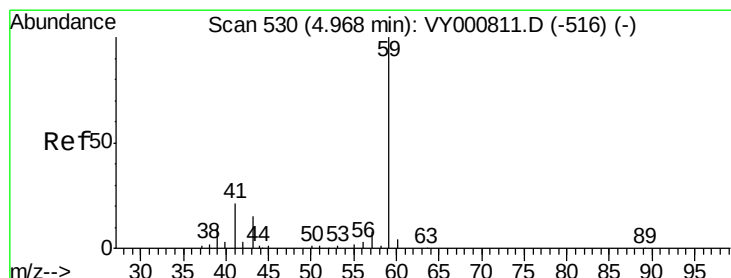
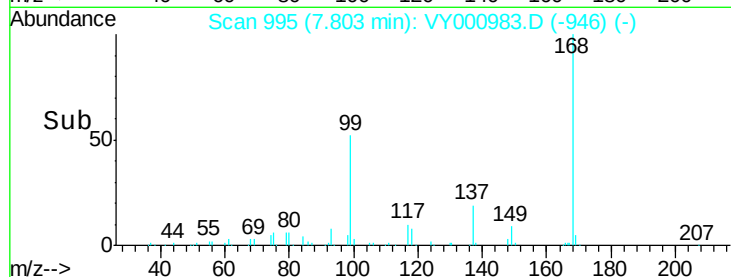
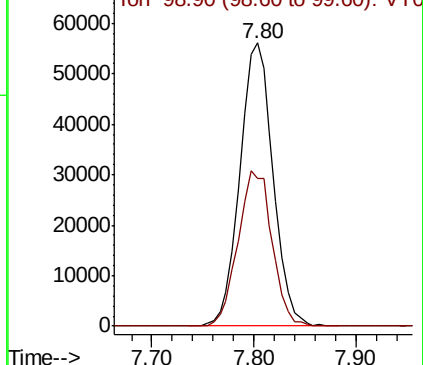
Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000983.D (-946) (-)



#11

Tert butyl alcohol

Concen: 4.237 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY000983.D

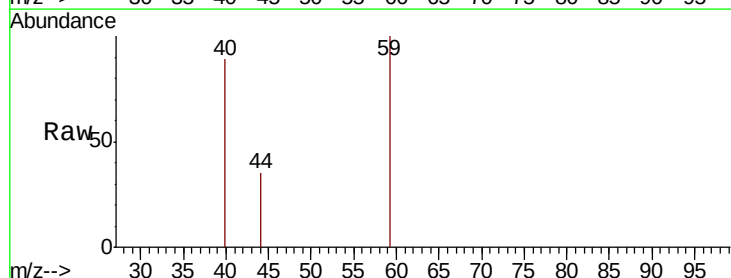
Acq: 17 Dec 2019 16:56

Tgt Ion: 59 Resp: 572

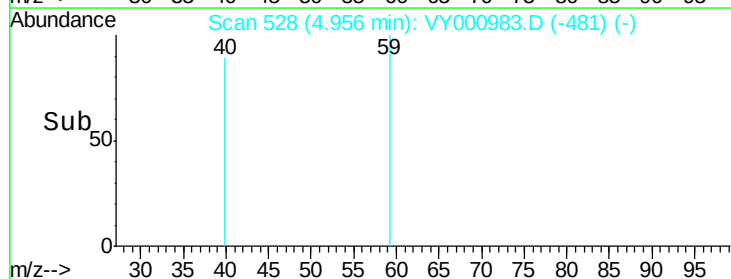
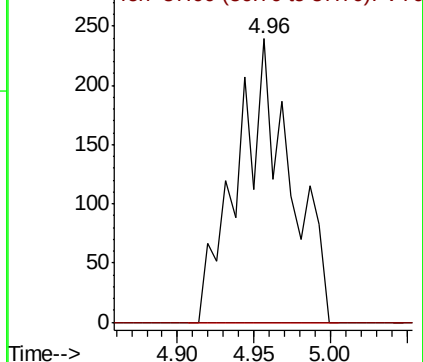
Ion Ratio Lower Upper

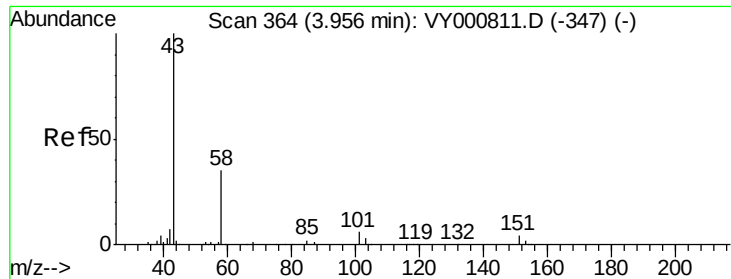
59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000983.D (-481) (-)





#16

Acetone

Concen: 8.865 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

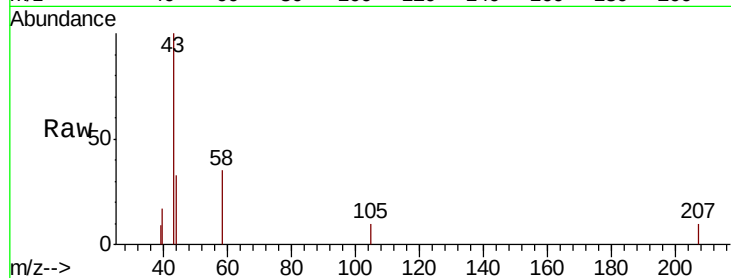
EP-13

Tgt Ion: 43 Resp: 2729

Ion Ratio Lower Upper

43 100

58 35.3 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000983.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000983.D (-315) (-)

Time-->

3.85 3.90 3.95 4.00 4.05

3.97

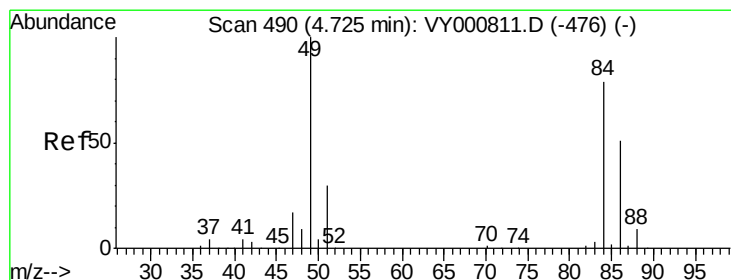
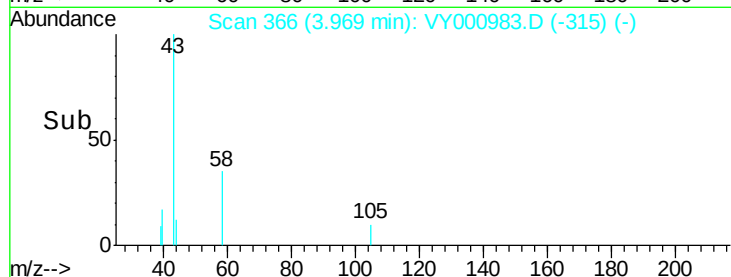
800

600

400

200

0



#20

Methylene Chloride

Concen: 2.940 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Tgt Ion: 84 Resp: 4770

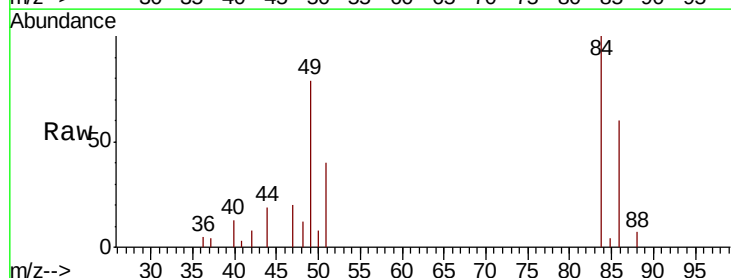
Ion Ratio Lower Upper

84 100

49 79.5 101.3 151.9#

51 39.7 30.6 45.8

86 59.7 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VY000983.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000983.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000983.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000983.D (-441) (-)

Time-->

4.65 4.70 4.75 4.80

4.72

3000

2500

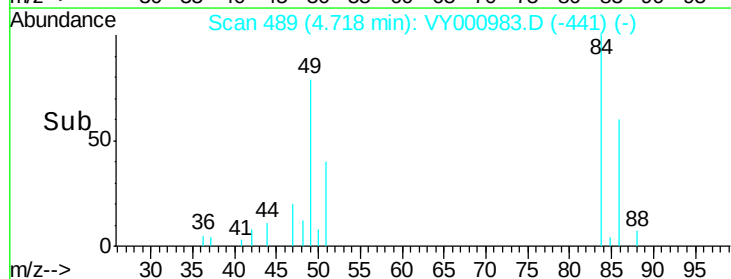
2000

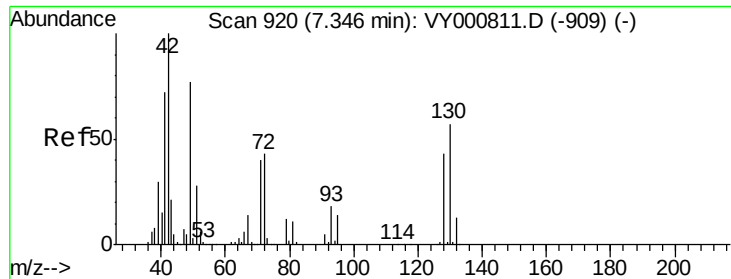
1500

1000

500

0

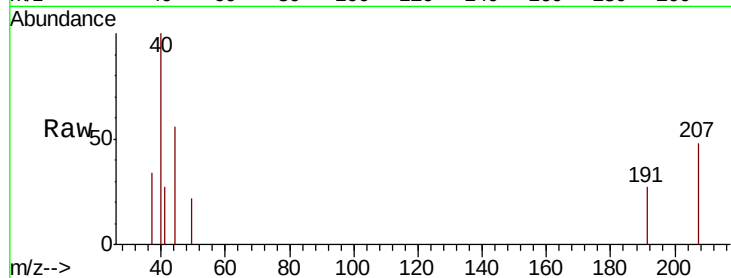




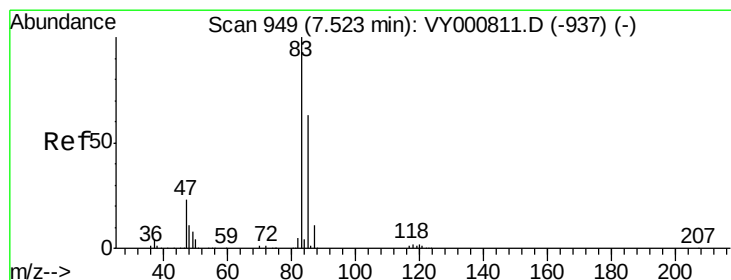
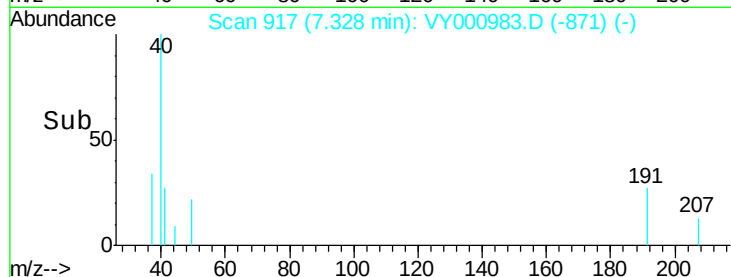
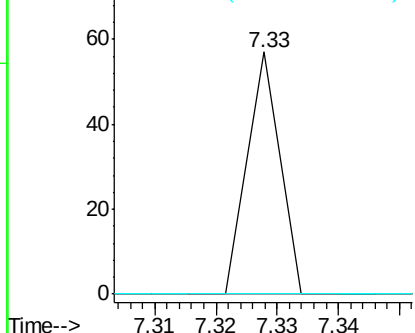
#28
Bromochloromethane
Concen: 2.036 ug/l
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000983.D
Acq: 17 Dec 2019 16:56

Instrument :
MSVOA_Y
ClientSampleId :
EP-13

Tgt Ion: 49 Resp: 21
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#

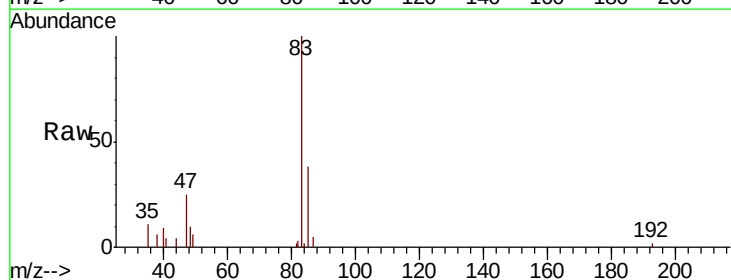


Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

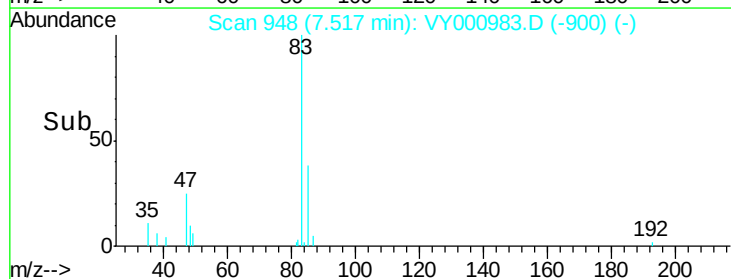
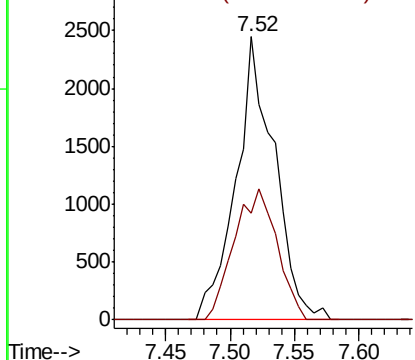


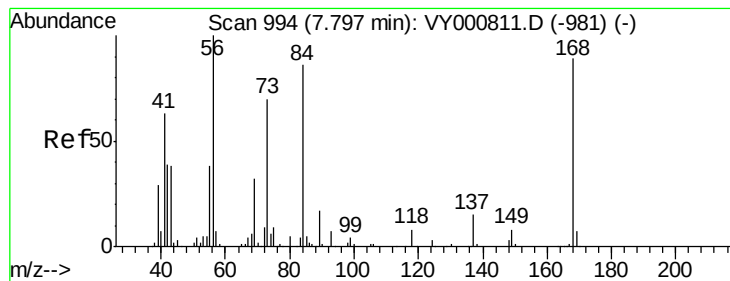
#30
Chloroform
Concen: 1.881 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000983.D
Acq: 17 Dec 2019 16:56

Tgt Ion: 83 Resp: 5075
Ion Ratio Lower Upper
83 100
85 37.7 50.4 75.6#



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





#31

Cyclohexane

Concen: 1.074 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

EP-13

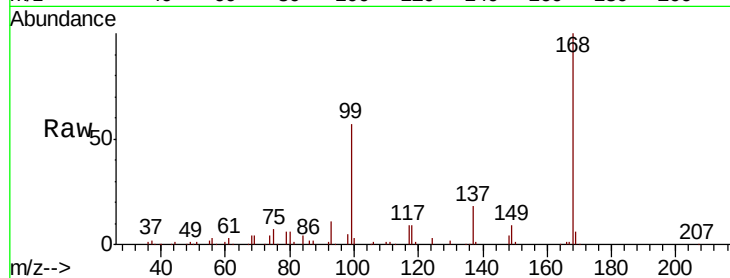
Tgt Ion: 56 Resp: 3059

Ion Ratio Lower Upper

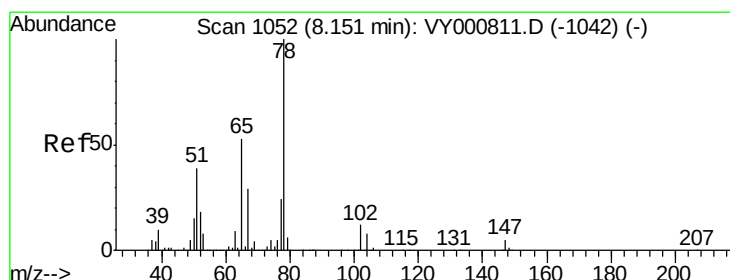
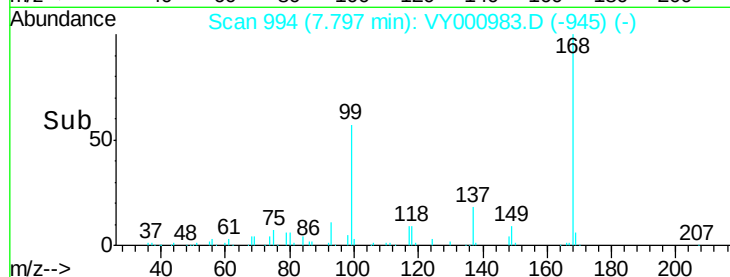
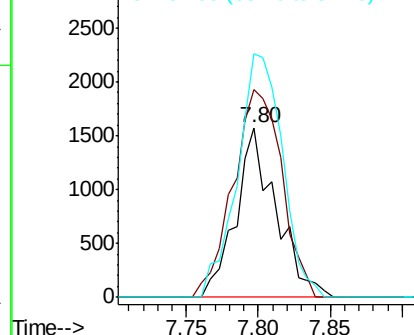
56 100

69 122.7 25.9 38.9#

84 143.6 68.6 102.8#



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: 41.960 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000983.D

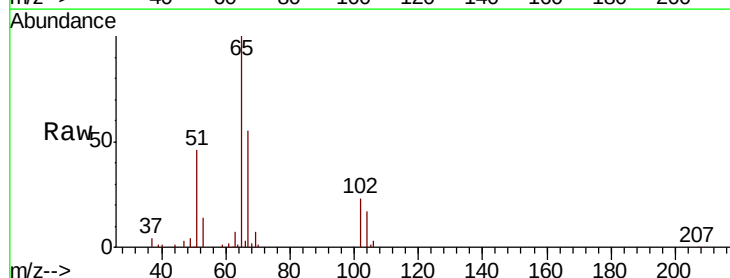
Acq: 17 Dec 2019 16:56

Tgt Ion: 65 Resp: 56305

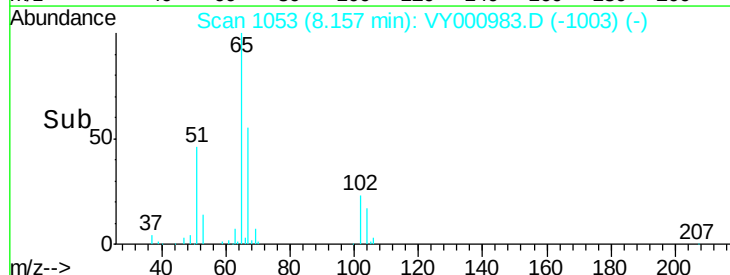
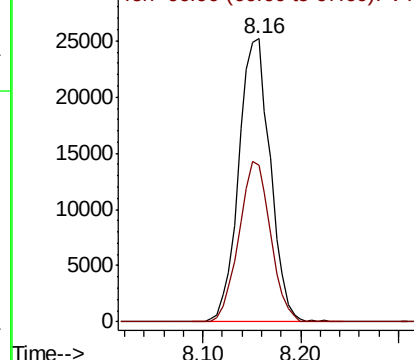
Ion Ratio Lower Upper

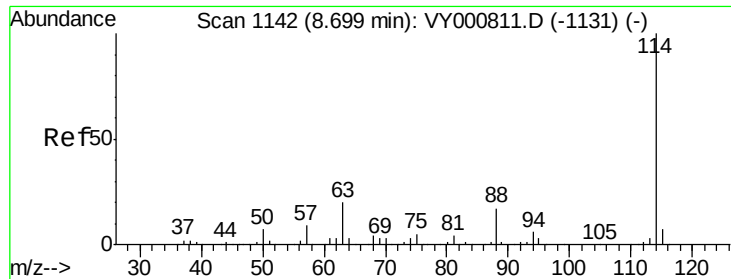
65 100

67 56.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

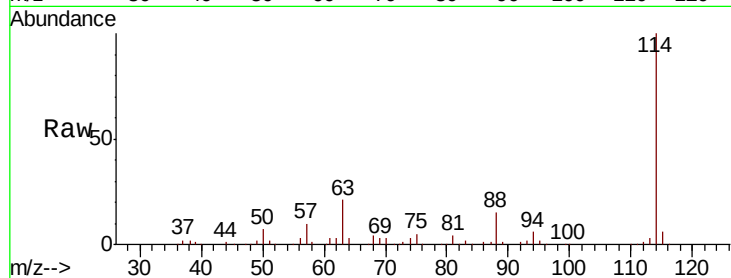




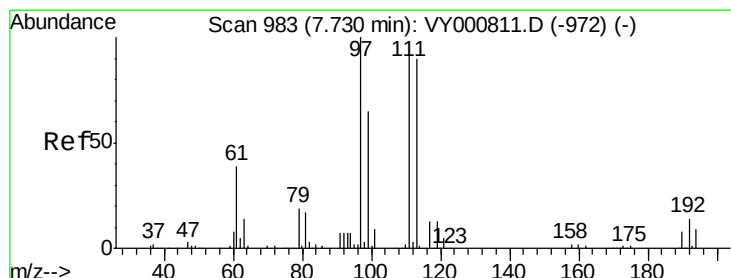
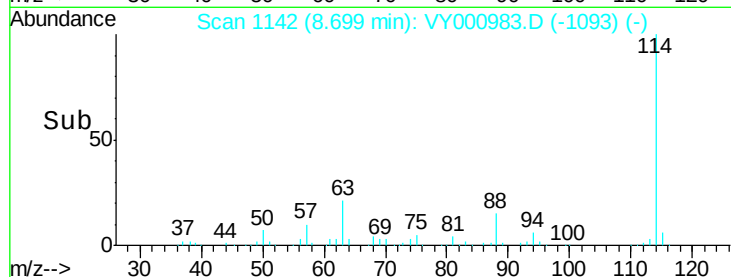
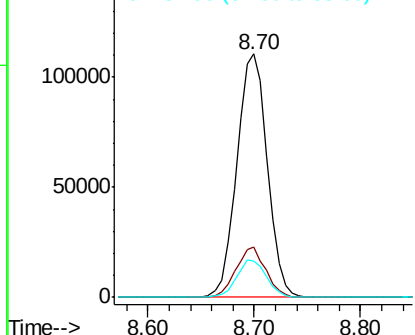
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000983.D
 Acq: 17 Dec 2019 16:56

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-13

Tgt Ion:114 Resp: 222450
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 14.7 0.0 33.2

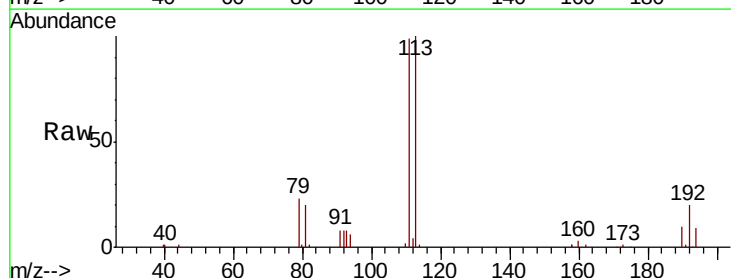


Abundance Ion 113.90 (113.60 to 114.60): V
 150000 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

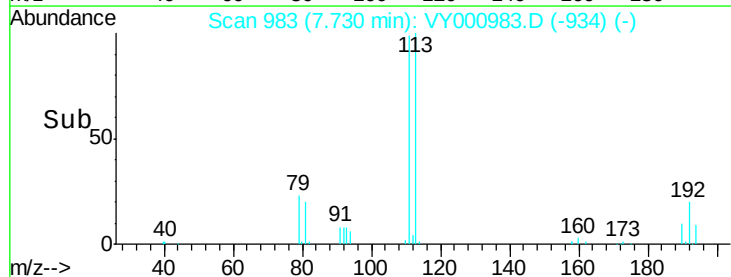
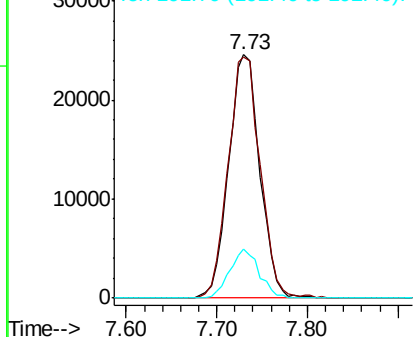


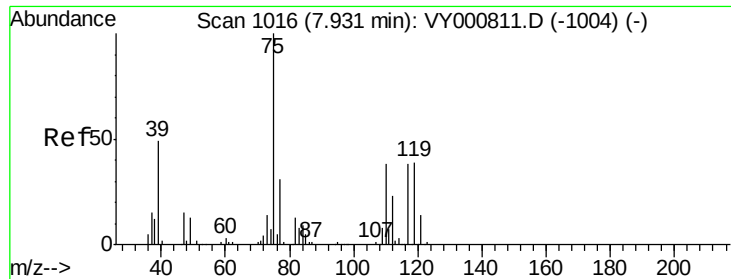
#35
 Dibromofluoromethane
 Concen: 45.077 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000983.D
 Acq: 17 Dec 2019 16:56

Tgt Ion:113 Resp: 58440
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 19.1 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
 30000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

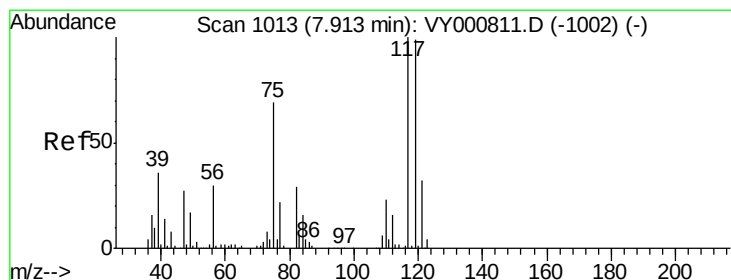
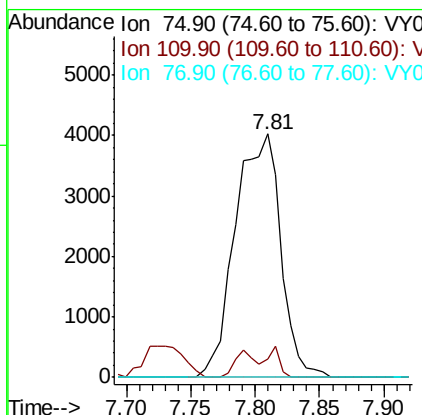
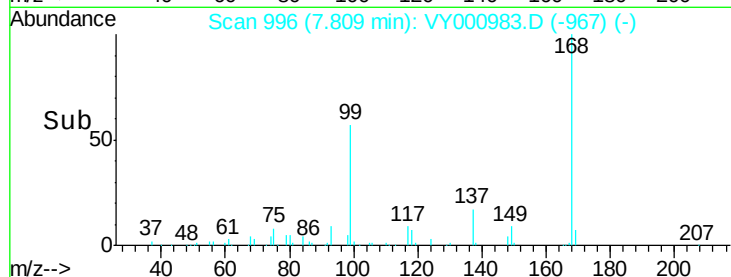
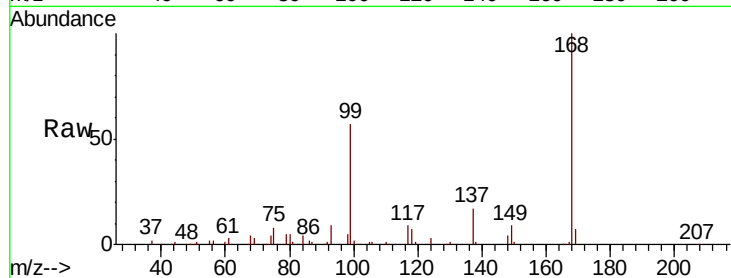




#36
 1,1-Dichloropropene
 Concen: 4.442 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY000983.D
 Acq: 17 Dec 2019 16:56

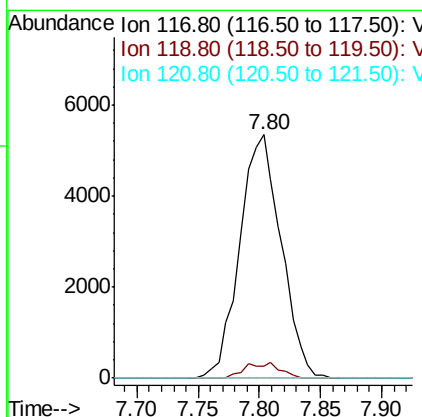
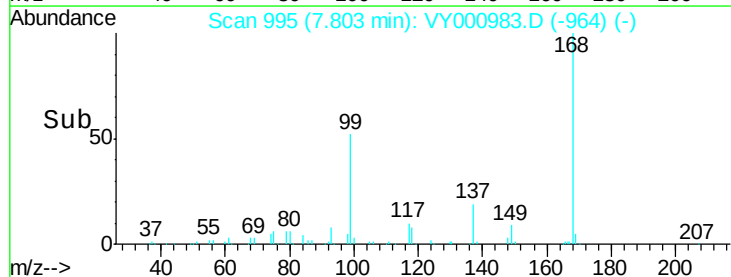
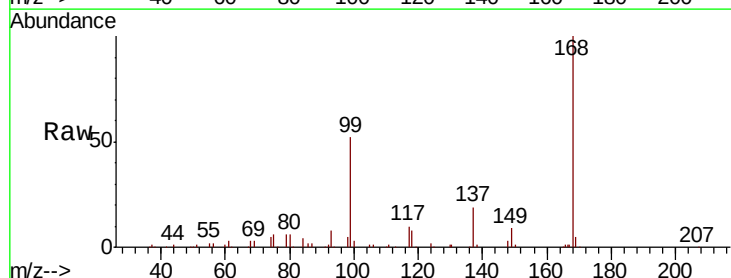
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-13

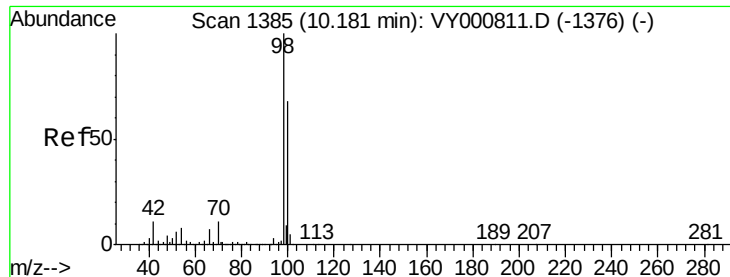
Tgt Ion: 75 Resp: 9826
 Ion Ratio Lower Upper
 75 100
 110 3.4 17.9 53.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.370 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000983.D
 Acq: 17 Dec 2019 16:56

Tgt Ion: 117 Resp: 12547
 Ion Ratio Lower Upper
 117 100
 119 4.7 79.3 118.9#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 49.984 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

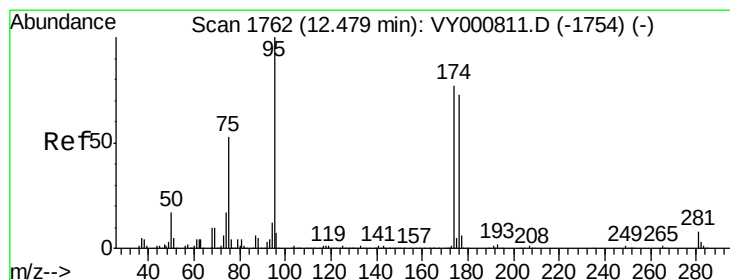
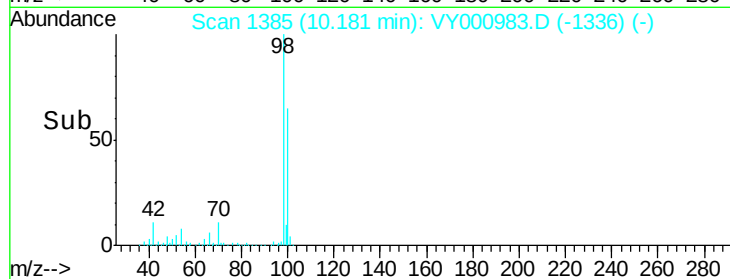
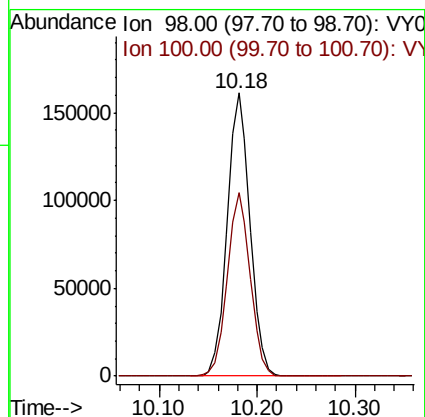
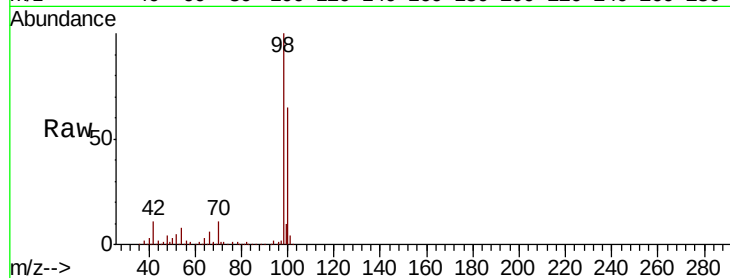
EP-13

Tgt Ion: 98 Resp: 259070

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 36.034 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

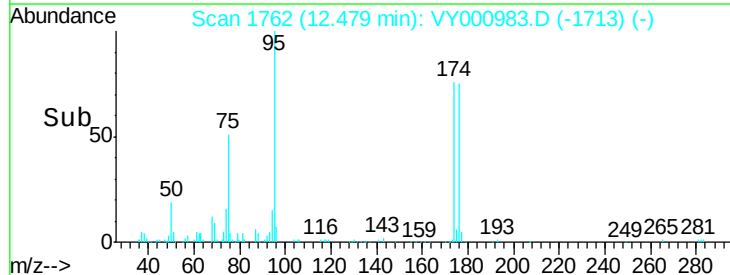
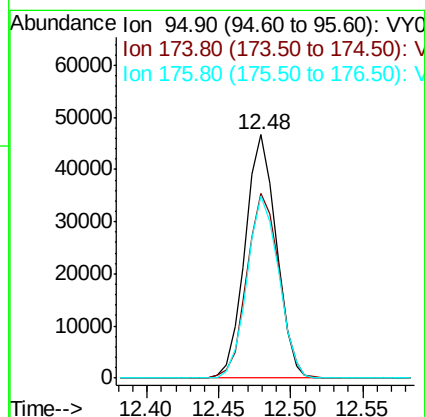
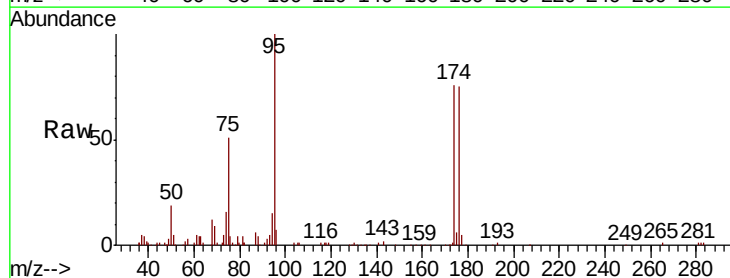
Tgt Ion: 95 Resp: 70141

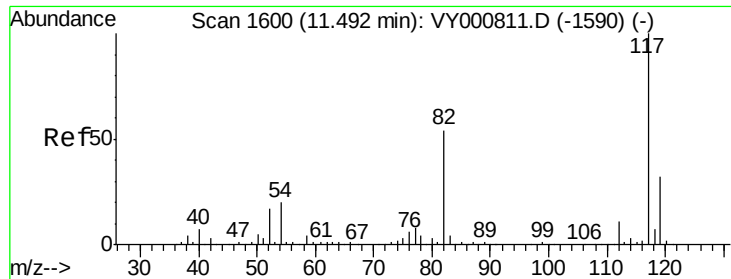
Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

176 75.5 0.0 145.2

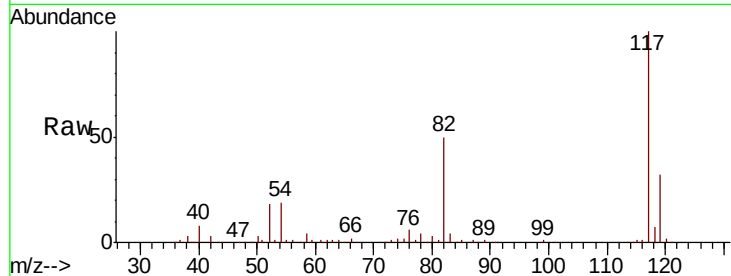




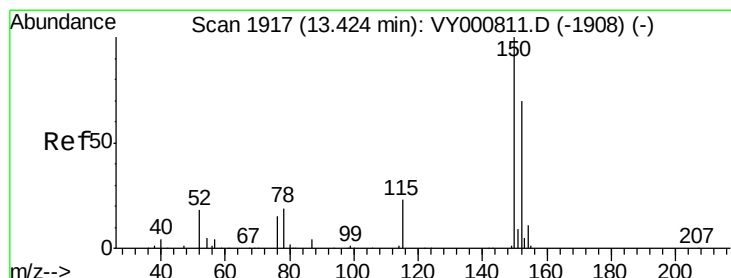
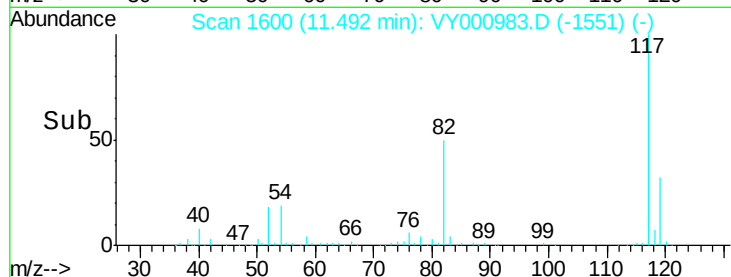
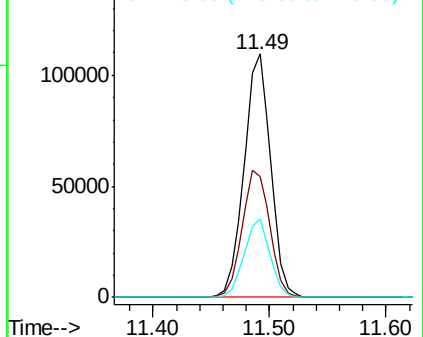
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000983.D
Acq: 17 Dec 2019 16:56

Instrument :
MSVOA_Y
ClientSampleId :
EP-13

Tgt Ion:117 Resp: 174845
Ion Ratio Lower Upper
117 100
82 49.7 43.1 64.7
119 32.5 25.3 37.9

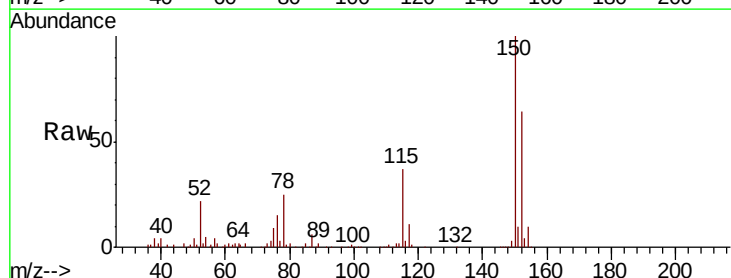


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

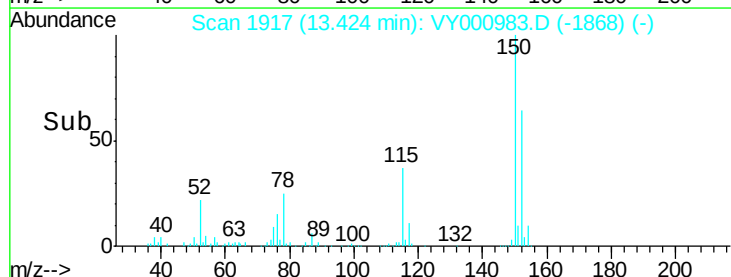
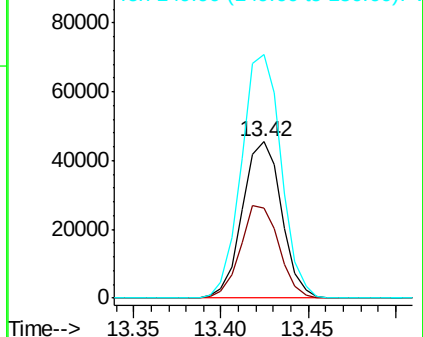


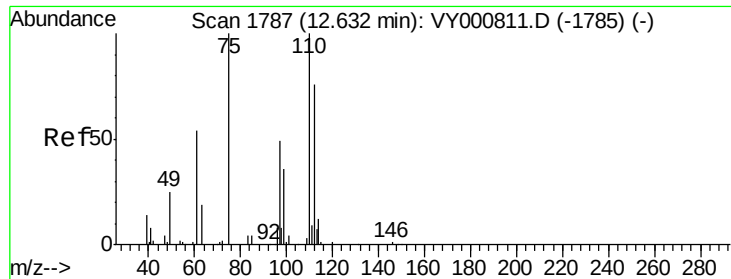
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000983.D
Acq: 17 Dec 2019 16:56

Tgt Ion:152 Resp: 71262
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 158.1 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: 44.029 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

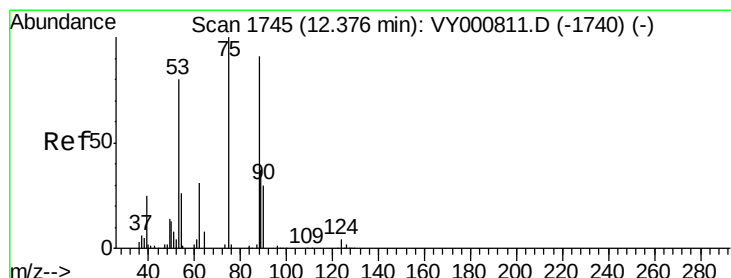
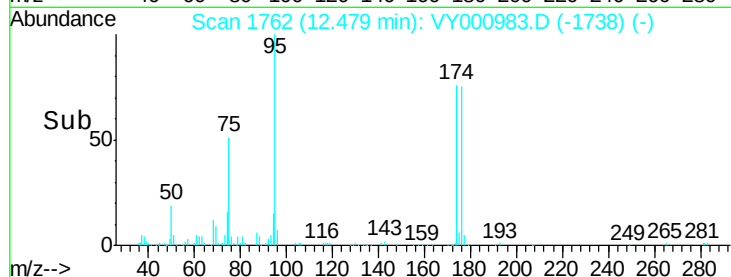
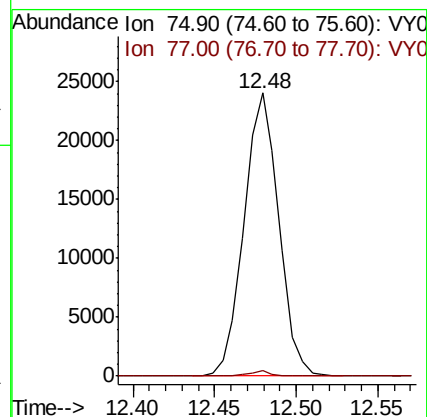
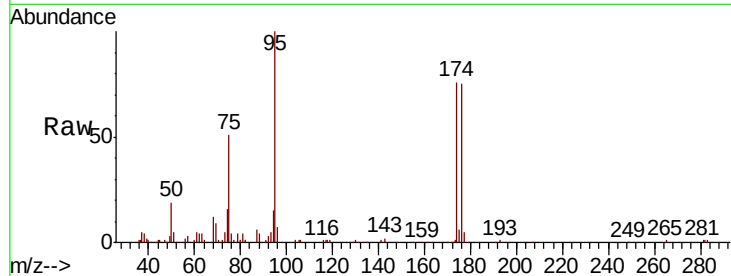
EP-13

Tgt Ion: 75 Resp: 35549

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.486 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000983.D

Acq: 17 Dec 2019 16:56

Tgt Ion: 75 Resp: 35549

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#

