

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000889.D
 Acq On : 05 Dec 2019 18:10
 Operator : SY/MD
 Sample : K6177-06
 Misc : 5.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6

Quant Time: Dec 06 04:02:57 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	276040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	518616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	203296	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	163271	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	
35) Dibromofluoromethane	7.72	113	146696	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	10.18	98	611458	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.48	95	207874	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	

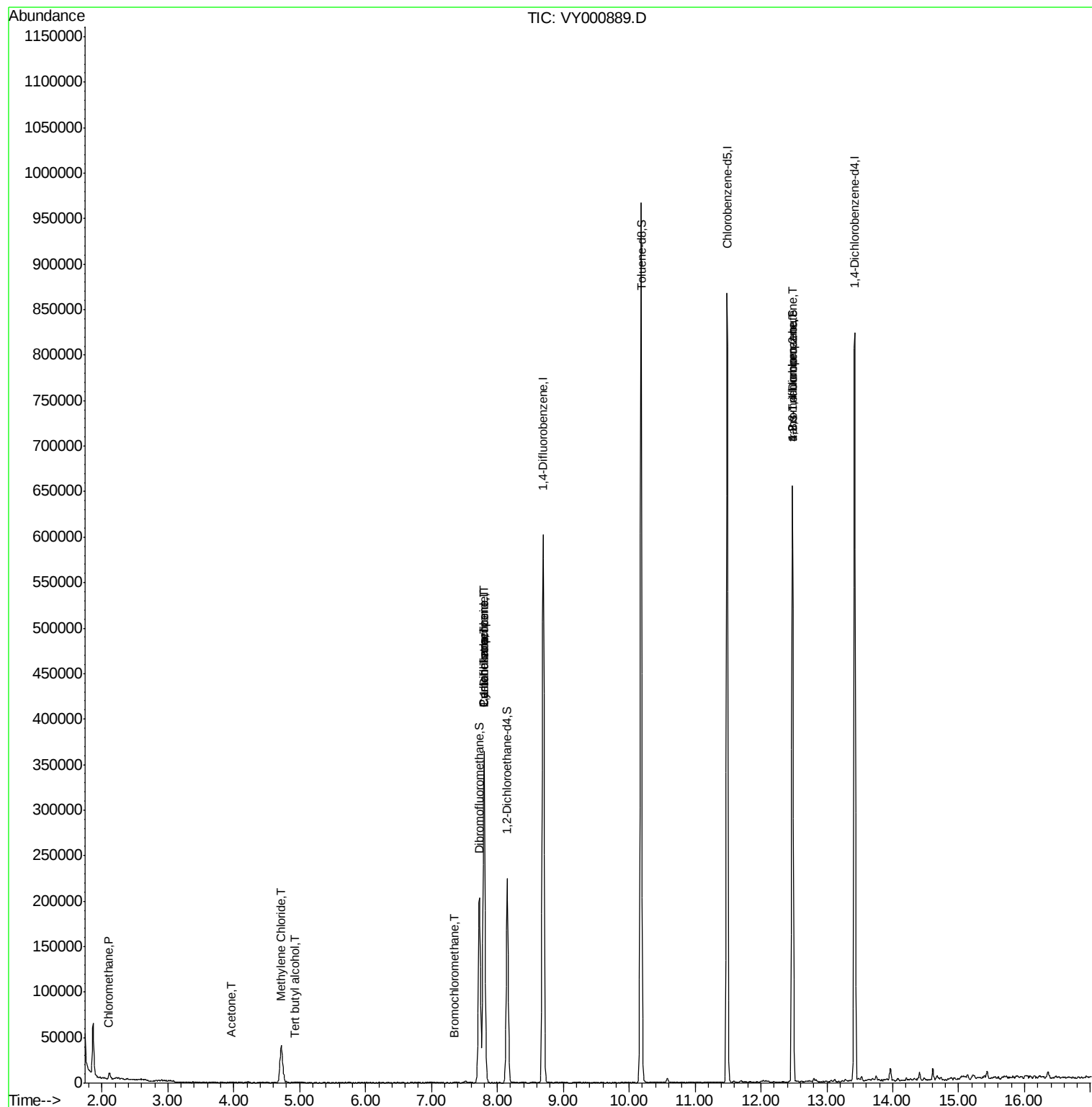
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	6620	1.807	ug/l	92
5) Bromomethane	2.67	94	299	Below Cal	#	3
11) Tert butyl alcohol	4.94	59	342	1.159	ug/l #	74
16) Acetone	3.95	43	1740	2.586	ug/l	89
20) Methylene Chloride	4.72	84	29779	8.396	ug/l	91
28) Bromochloromethane	7.35	49	94	2.057	ug/l #	15
31) Cyclohexane	7.80	56	6605	1.061	ug/l #	7
36) 1,1-Dichloropropene	7.80	75	22918	4.444	ug/l #	48
38) Carbon Tetrachloride	7.80	117	28152	6.130	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	103509	44.939	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	103509	88.273	ug/l #	17

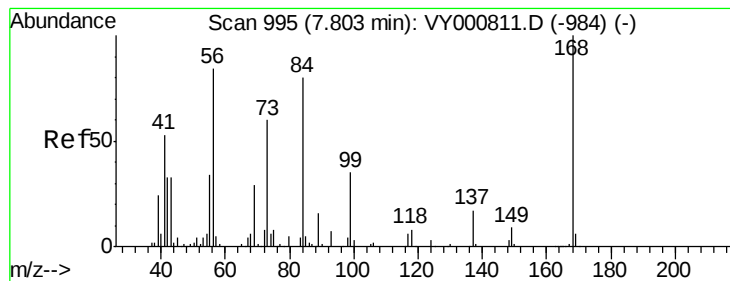
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
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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: VY000889.D

Acq: 05 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

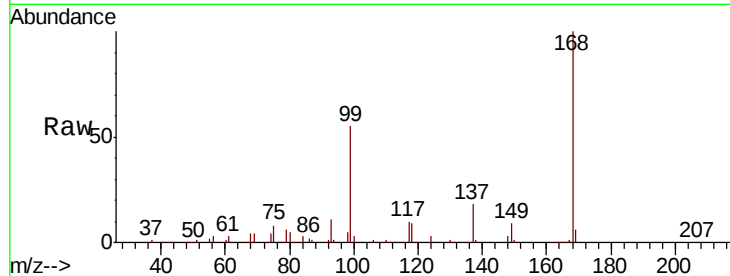
EP-6

Tot Ion:168 Resp: 276040

Ion Ratio Lower Upper

168 100

99 55.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000889.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000889.D (-946) (-)

7.80

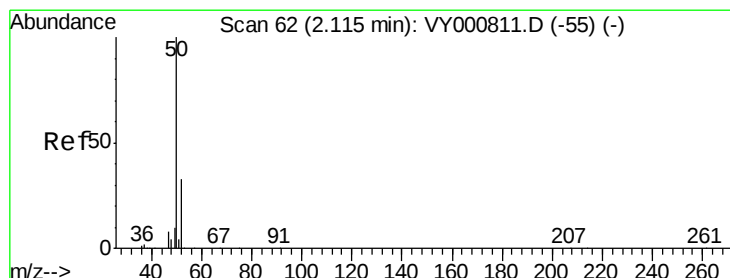
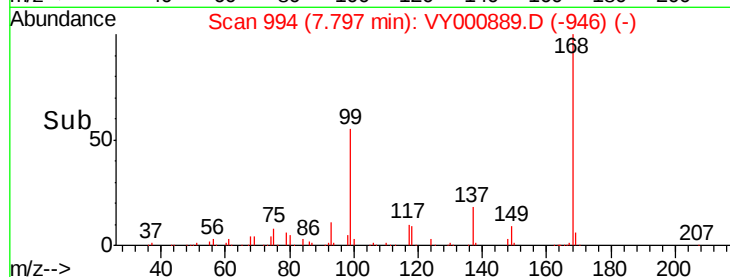
100000

50000

0

Time-->

7.70 7.80 7.90



#3

Chloromethane

Concen: 1.807 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000889.D

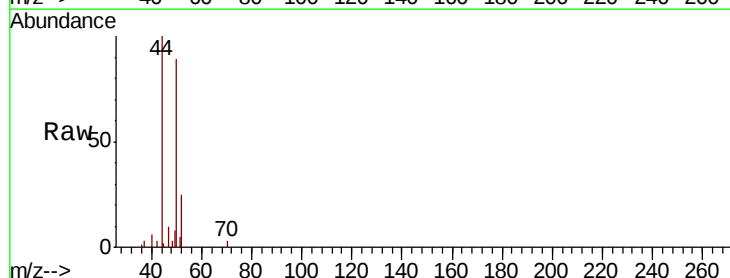
Acq: 05 Dec 2019 18:10

Tgt Ion: 50 Resp: 6620

Ion Ratio Lower Upper

50 100

52 28.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000889.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000889.D (-13) (-)

2.11

4000

3000

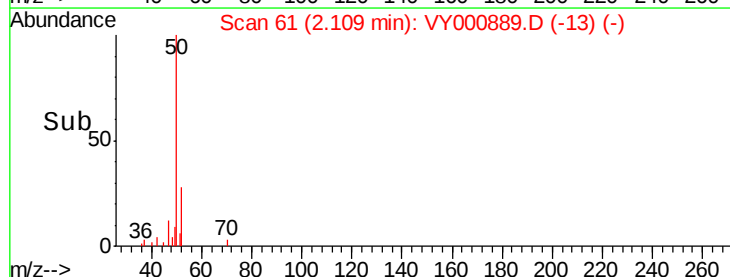
2000

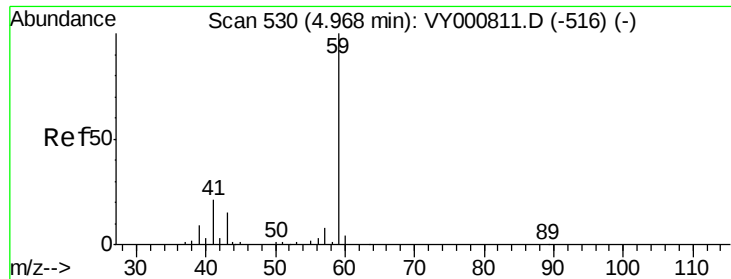
1000

0

Time-->

2.05 2.10 2.15

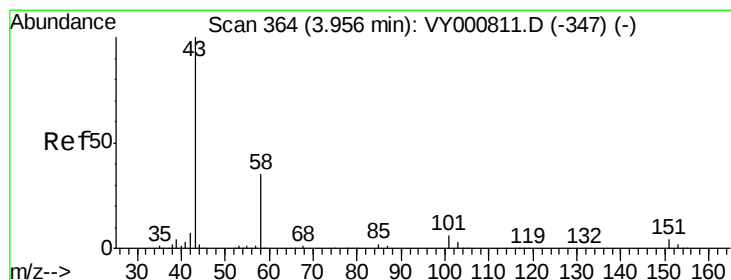
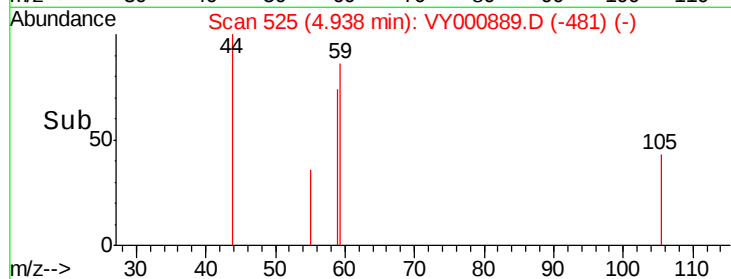
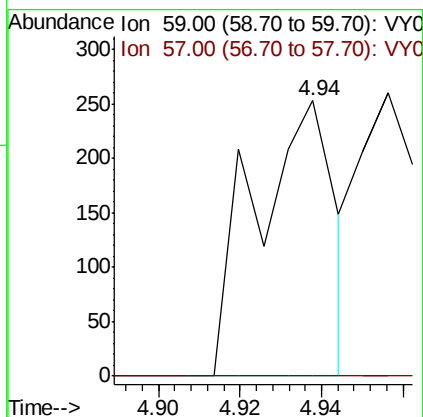
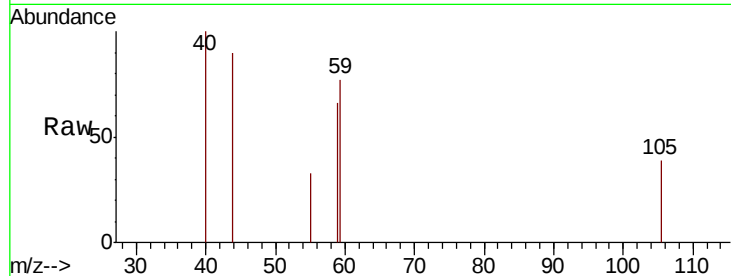




#11
Tert butyl alcohol
Concen: 1.159 ug/l
RT: 4.94 min Scan# 525
Delta R.T. -0.03 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

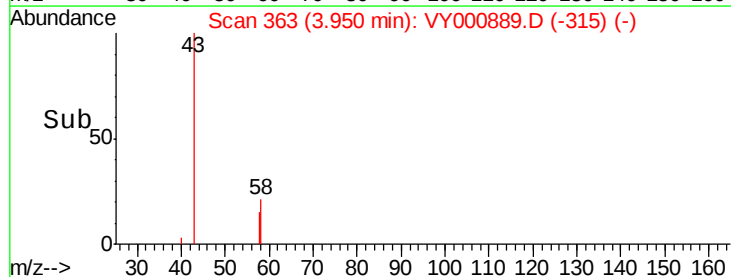
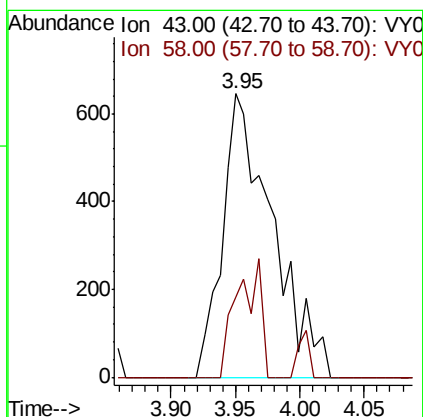
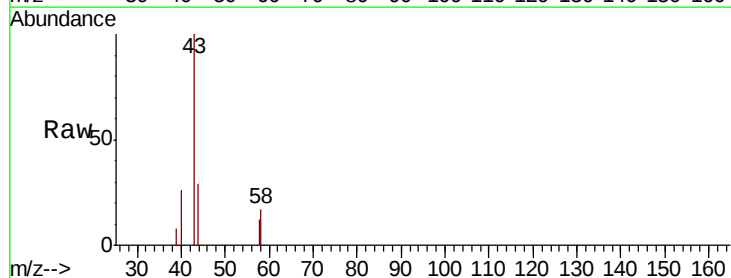
Instrument :
MSVOA_Y
ClientSampled :
EP-6

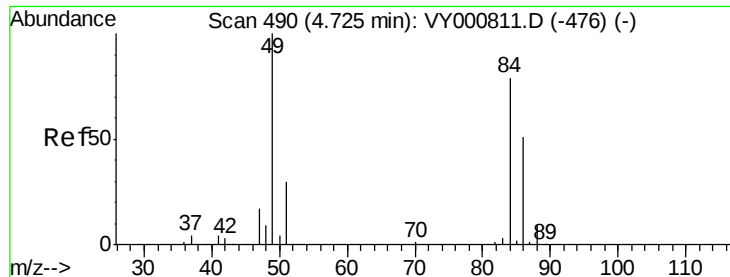
Tot Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.586 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0

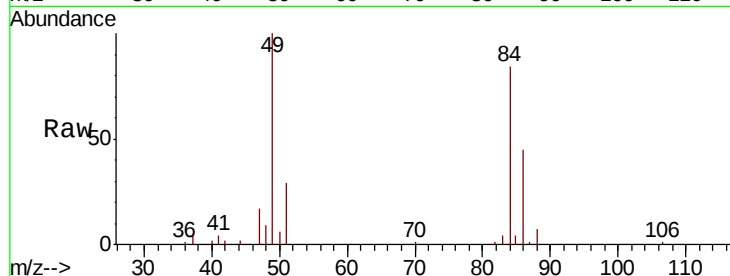




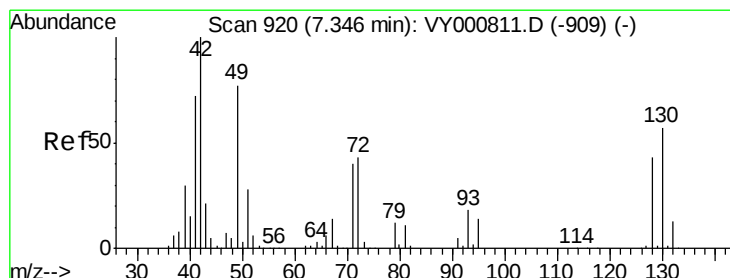
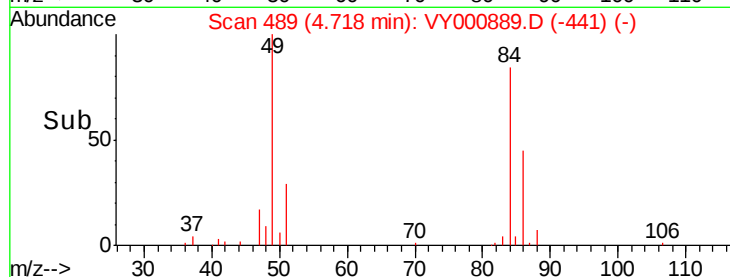
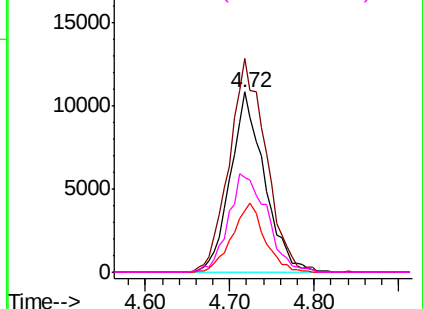
#20
Methvlene Chloride
Concen: 8.396 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-6

Tot Ion: 84 Resp: 29779
Ion Ratio Lower Upper
84 100
49 118.5 101.3 151.9
51 34.3 30.6 45.8
86 52.9 51.3 76.9

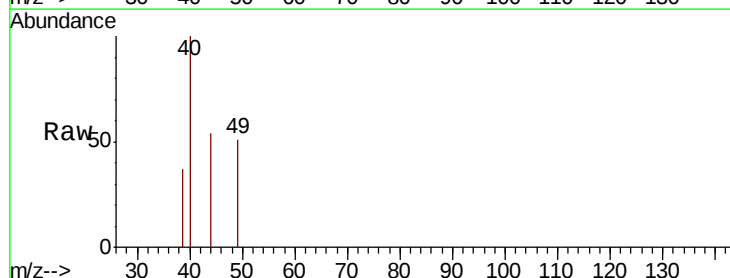


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

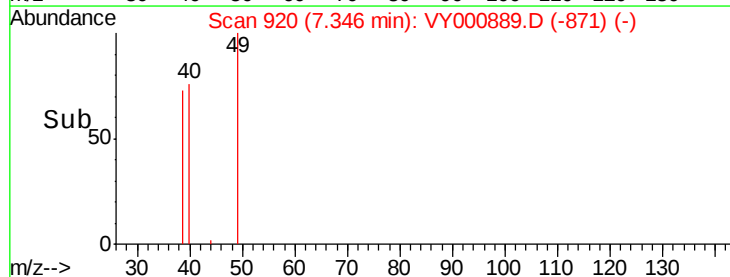
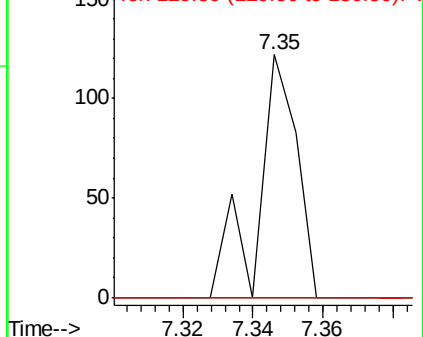


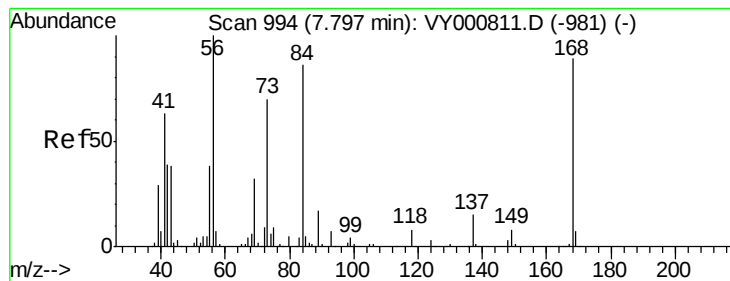
#28
Bromochloromethane
Concen: 2.057 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Tgt Ion: 49 Resp: 94
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): V
Ion 129.80 (129.50 to 130.50): V





#31

Cyclohexane

Concen: 1.061 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-6

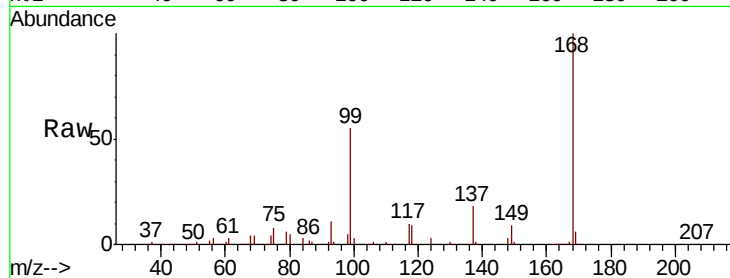
Tot Ion: 56 Resp: 6605

Ion Ratio Lower Upper

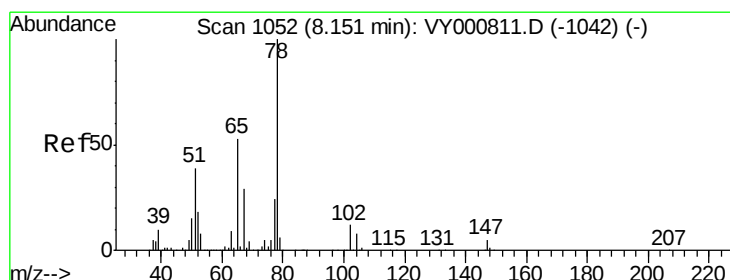
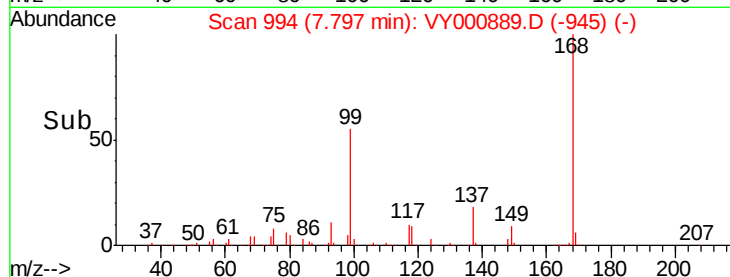
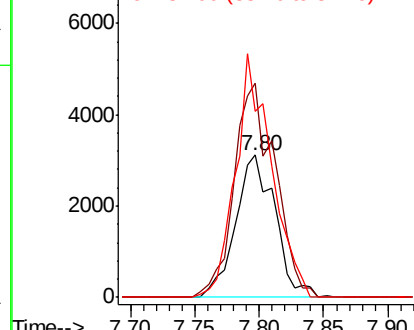
56 100

69 150.1 25.9 38.9#

84 130.6 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: 55.664 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000889.D

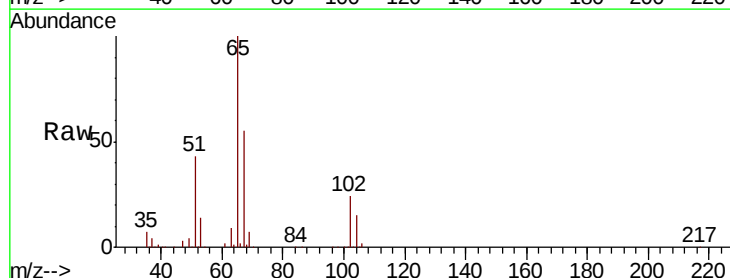
Acq: 05 Dec 2019 18:10

Tgt Ion: 65 Resp: 163271

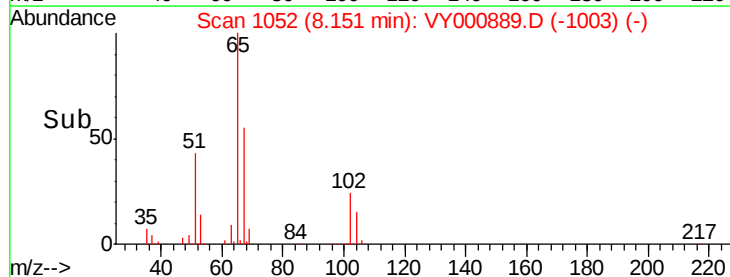
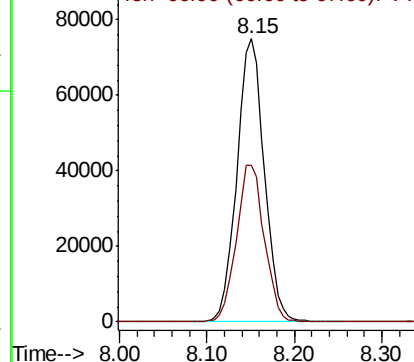
Ion Ratio Lower Upper

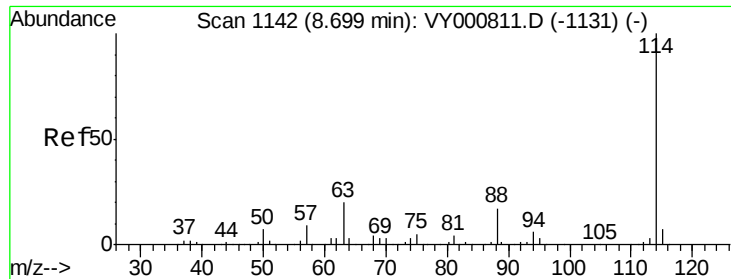
65 100

67 56.4 0.0 112.0



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

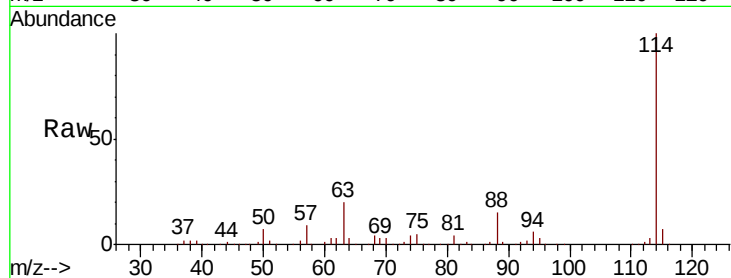




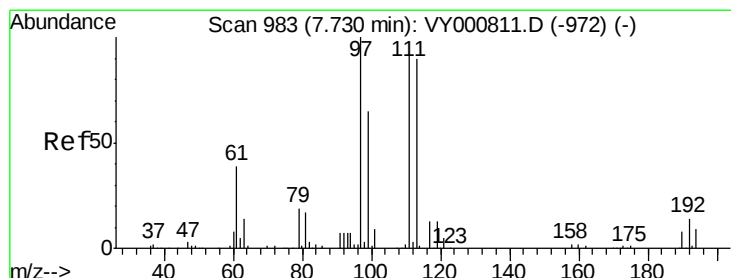
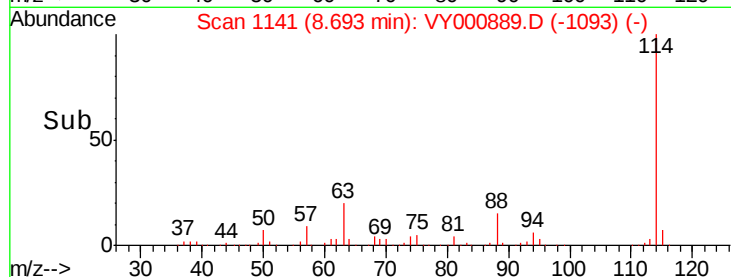
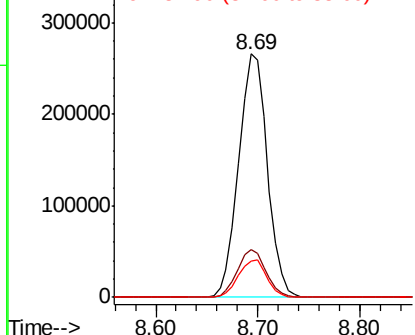
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000889.D
 Acq: 05 Dec 2019 18:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.1	0.0	33.2

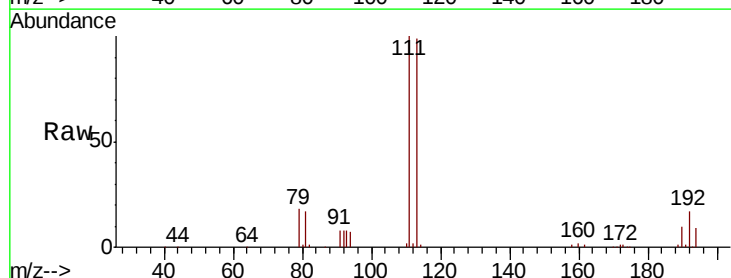


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

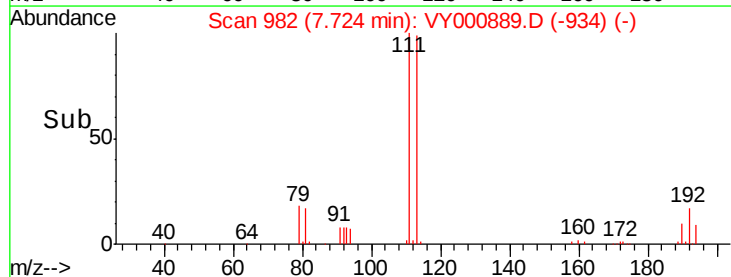
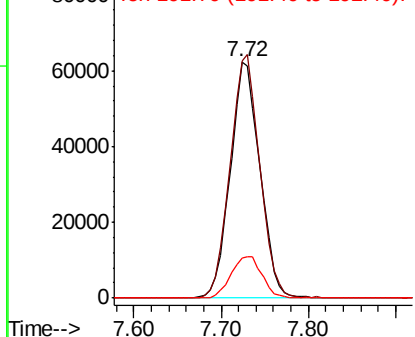


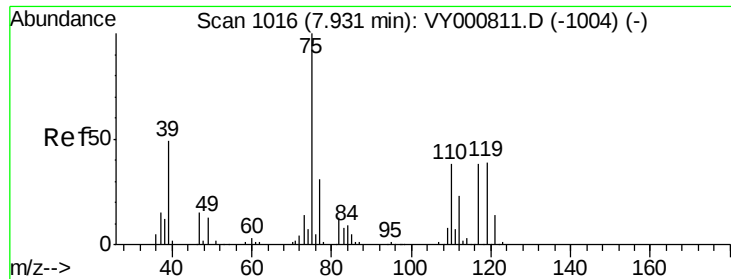
#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000889.D
 Acq: 05 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	18.3	14.2	21.2



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

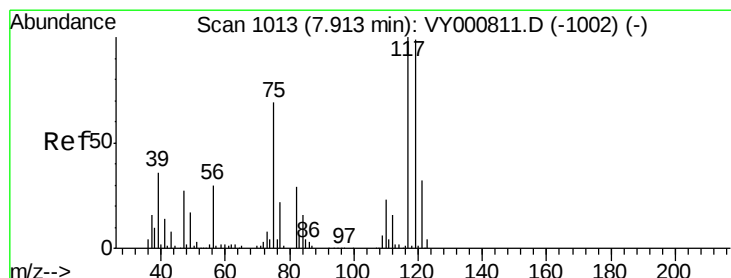
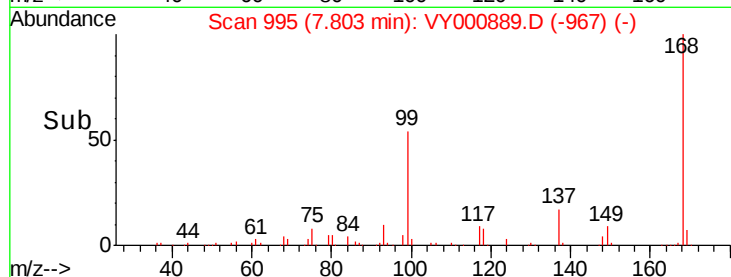
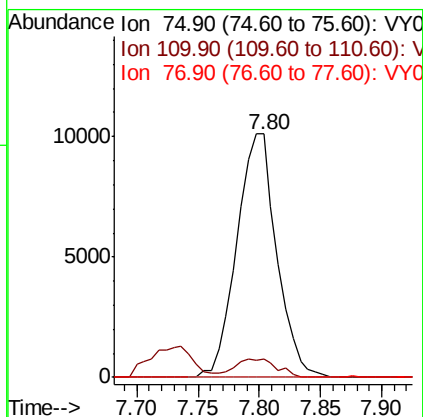
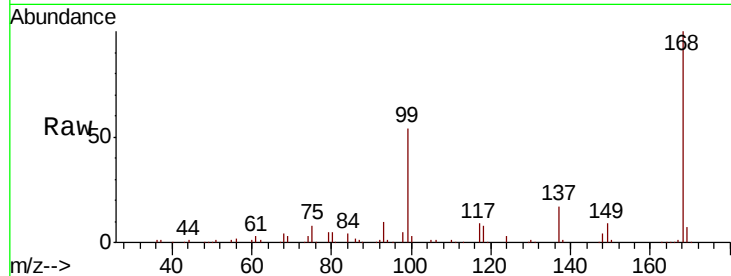




#36
 1,1-Dichloropropene
 Concen: 4.444 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000889.D
 Acq: 05 Dec 2019 18:10

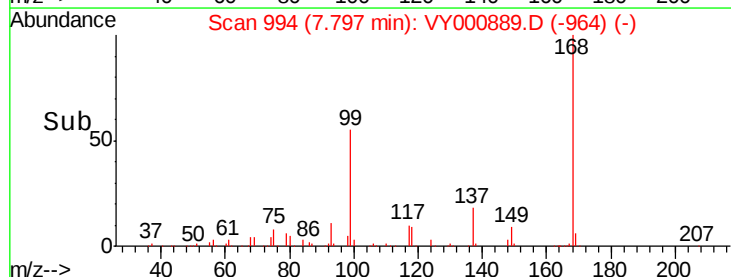
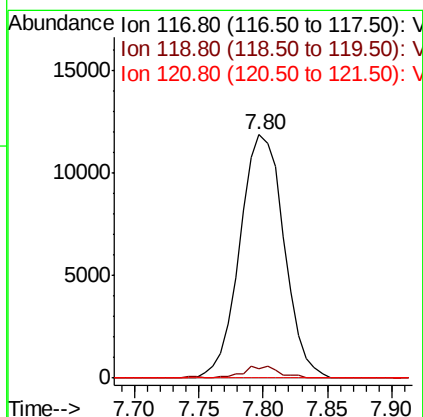
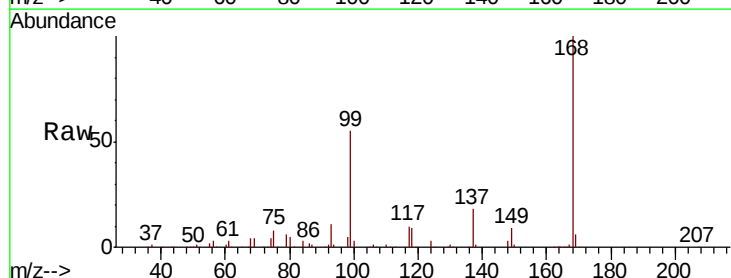
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-6

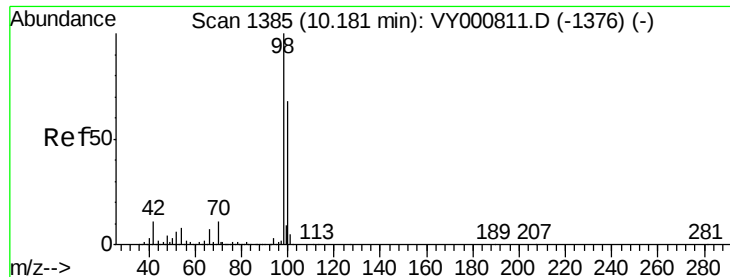
Tot Ion	75	Resp	22918
Ion Ratio	100	Lower	Upper
75	100		
110	7.7	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.130 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000889.D
 Acq: 05 Dec 2019 18:10

Tgt Ion	117	Resp	28152
Ion Ratio	100	Lower	Upper
117	100		
119	4.0	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 50.602 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampleId :

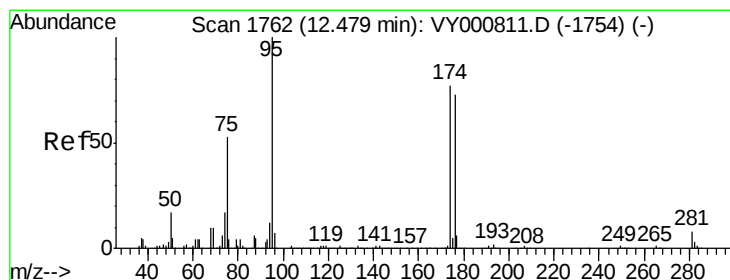
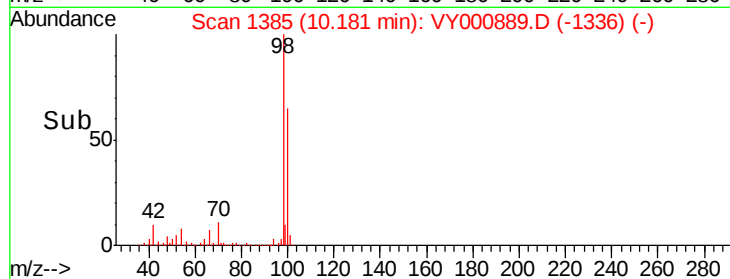
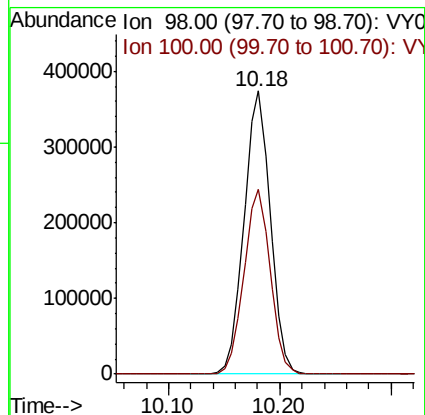
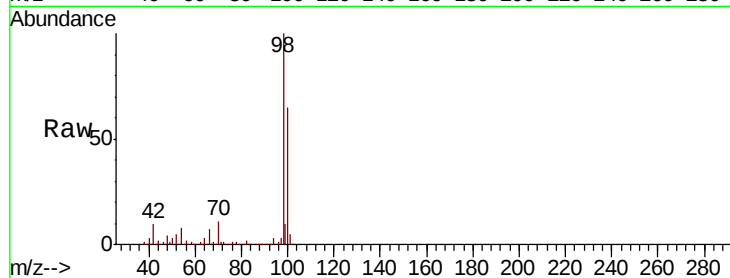
EP-6

Tot Ion: 98 Resp: 611458

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.807 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

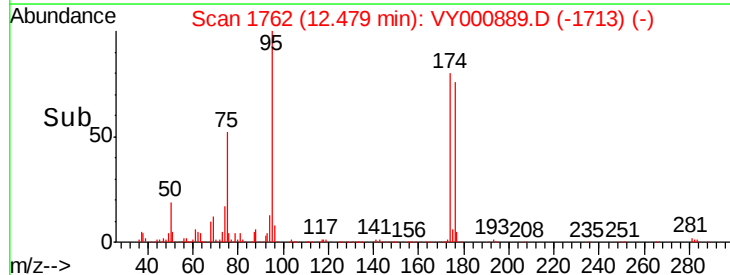
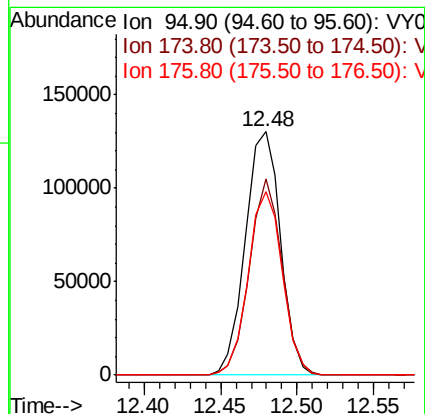
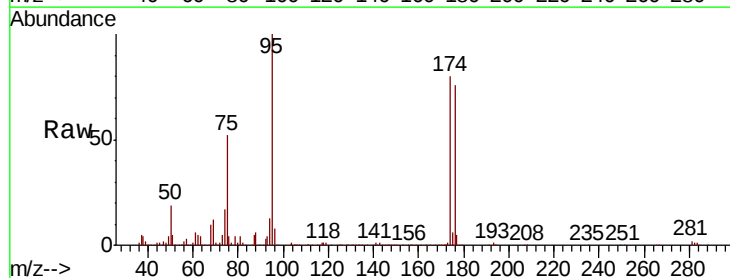
Tgt Ion: 95 Resp: 207874

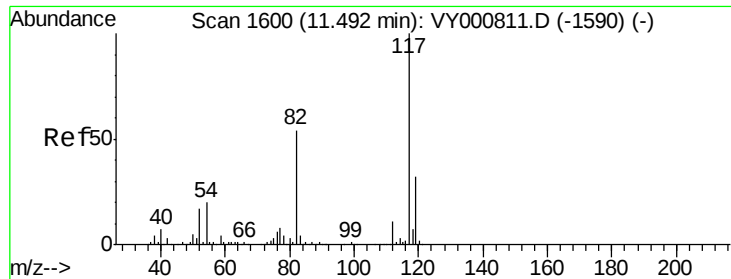
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

176 73.4 0.0 145.2

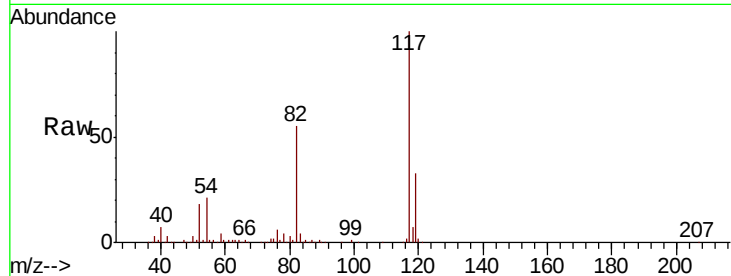




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000889.D
Acq: 05 Dec 2019 18:10

Instrument :
MSVOA_Y
ClientSampleId :
EP-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.1	64.7
119	32.8	25.3	37.9

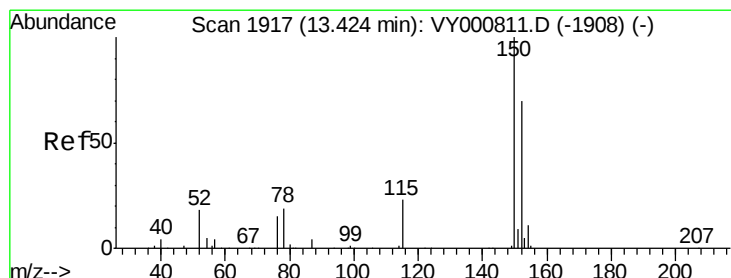
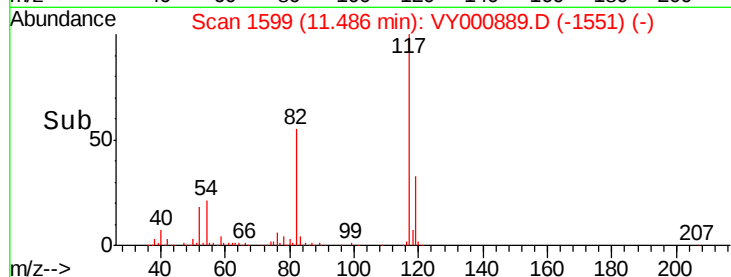
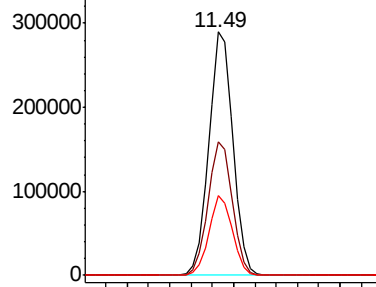


Abundance

Ion 116.90 (116.60 to 117.60): V

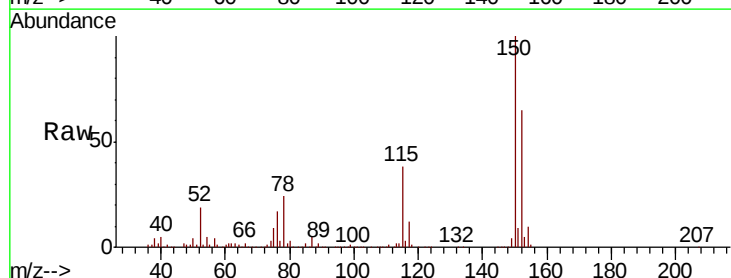
Ion 82.00 (81.70 to 82.70): VY0

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: VY000889.D
Acq: 05 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.3	87.8
150	159.2	0.0	351.2

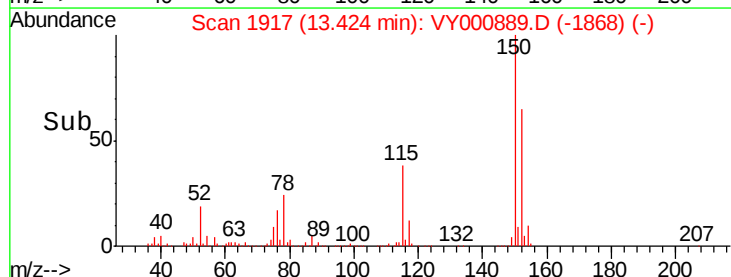
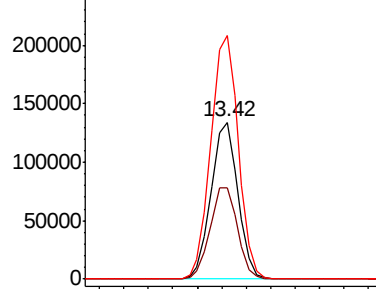


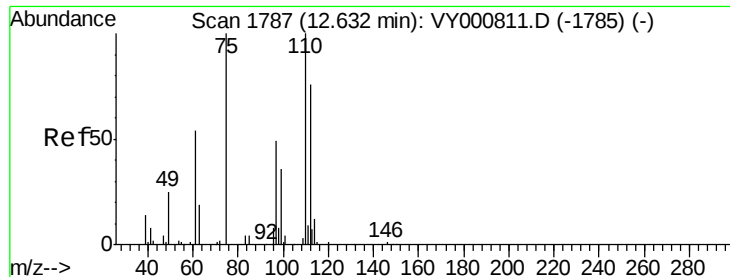
Abundance

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: 44.939 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

Instrument :

MSVOA_Y

ClientSampled :

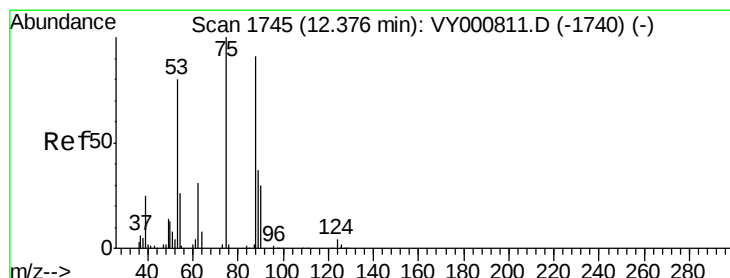
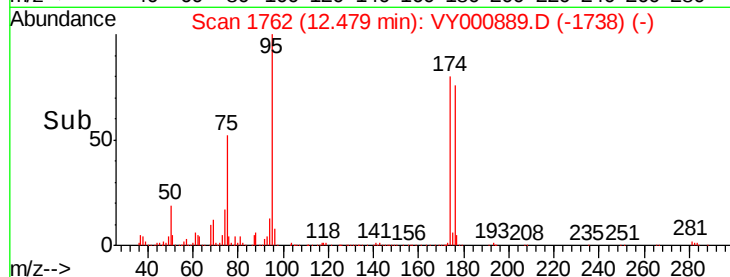
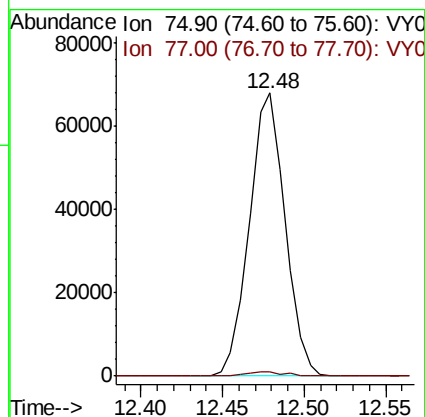
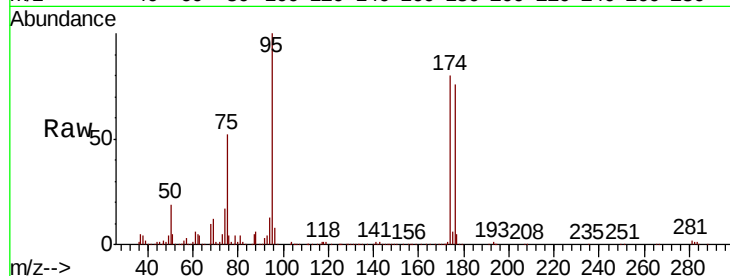
EP-6

Tot Ion: 75 Resp: 103509

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.273 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000889.D

Acq: 05 Dec 2019 18:10

Tgt Ion: 75 Resp: 103509

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

