

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
 Data File : VY000982.D
 Acq On : 17 Dec 2019 16:34
 Operator : SY/MD
 Sample : K6324-03
 Misc : 7.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-11

Quant Time: Dec 18 05:52:10 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	117414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	196702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	167797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	70755	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	58301	46.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.46%	
35) Dibromofluoromethane	7.73	113	55593	48.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.98%	
50) Toluene-d8	10.18	98	232171	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.48	95	68069	39.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.10%	

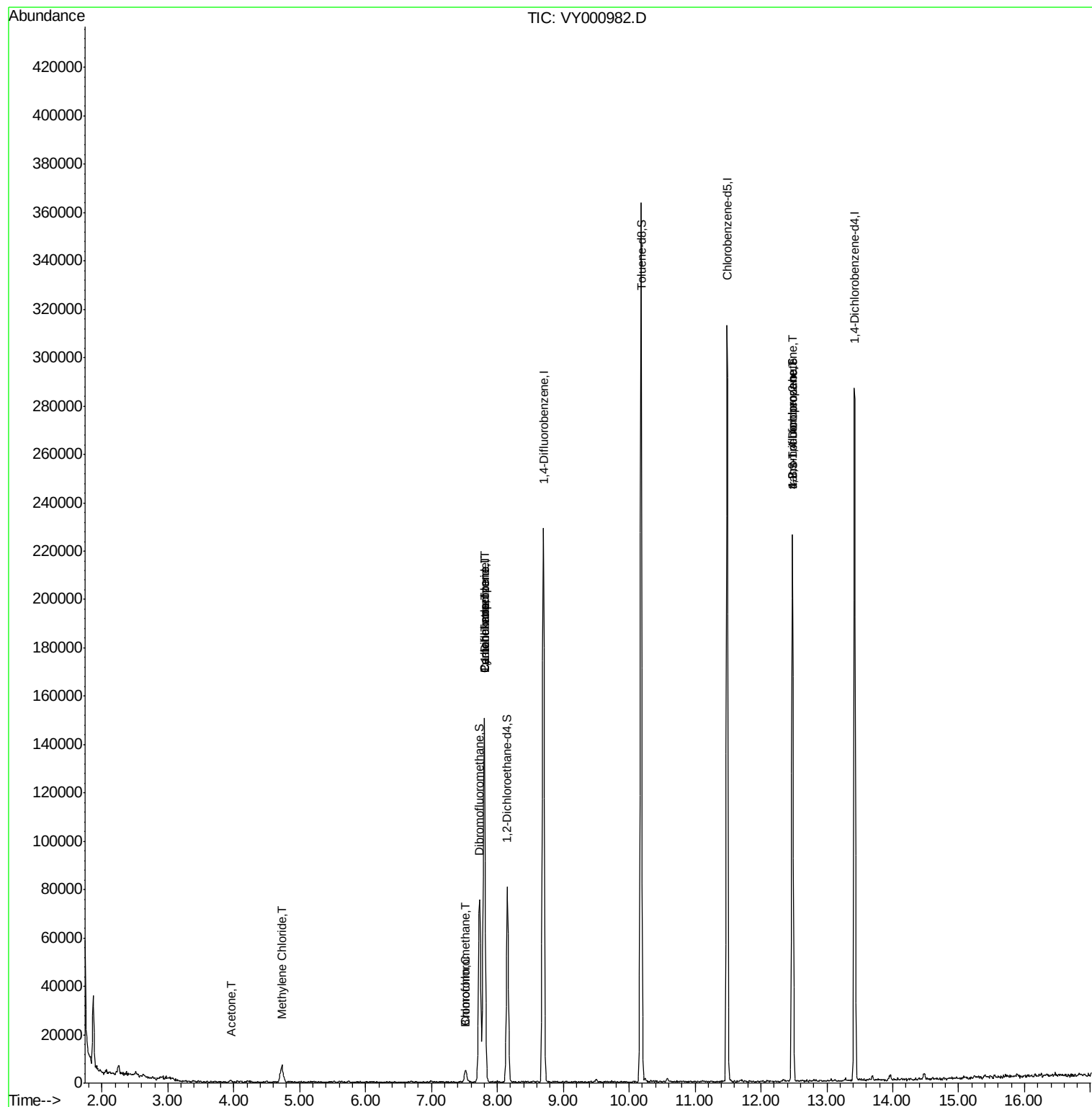
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	48	Below Cal	#	3
16) Acetone	3.96	43	1013	3.539	ug/l #	40
20) Methylene Chloride	4.72	84	5060	3.354	ug/l	98
28) Bromochloromethane	7.50	49	539	2.580	ug/l #	15
30) Chloroform	7.51	83	5509	2.196	ug/l #	79
31) Cyclohexane	7.80	56	2681	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	9233	4.721	ug/l #	46
38) Carbon Tetrachloride	7.80	117	11682	6.707	ug/l #	14
76) 1,2,3-Trichloropropane	12.47	75	35288	44.019	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	35288	86.467	ug/l #	17

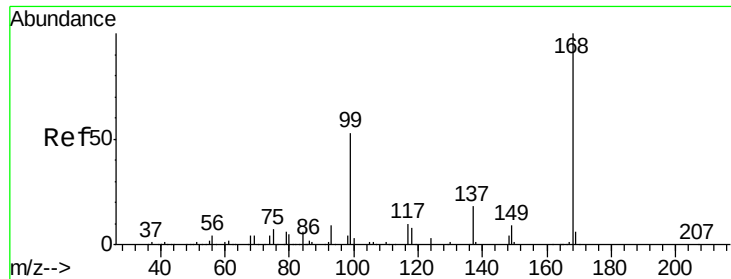
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000982.D

Acq: 17 Dec 2019 16:34

Instrument :

MSVOA_Y

ClientSampled :

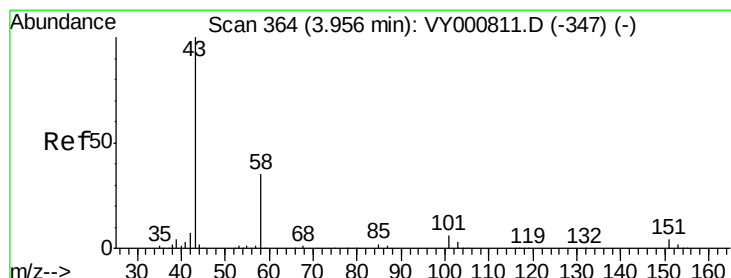
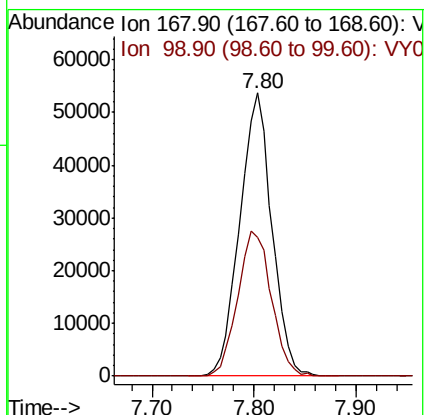
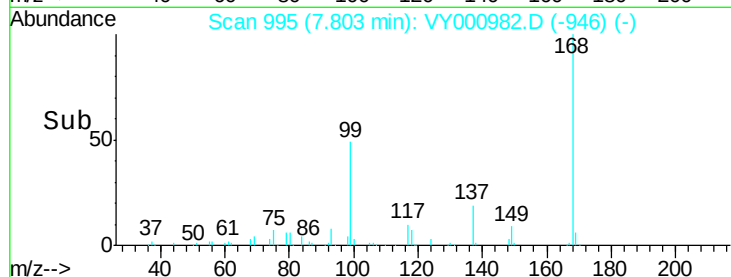
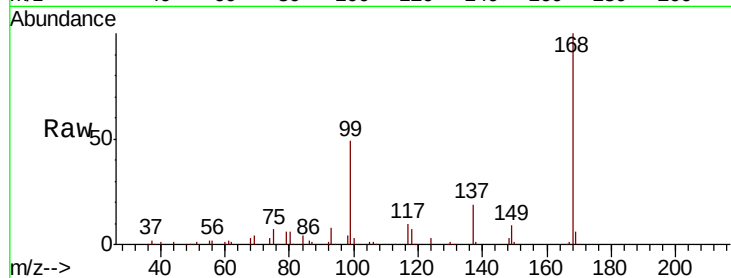
EP-11

Tgt Ion: 168 Resp: 117414

Ion Ratio Lower Upper

168 100

99 49.1 45.0 67.6



#16

Acetone

Concen: 3.539 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000982.D

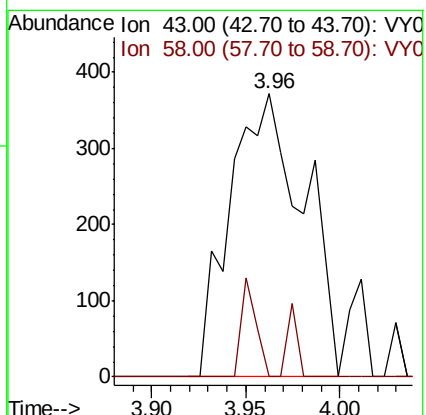
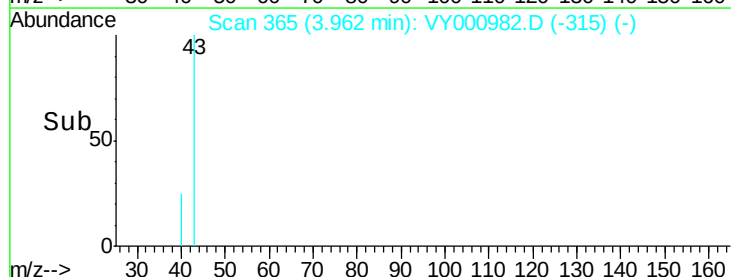
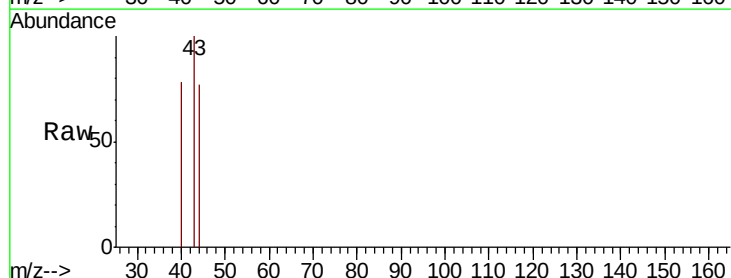
Acq: 17 Dec 2019 16:34

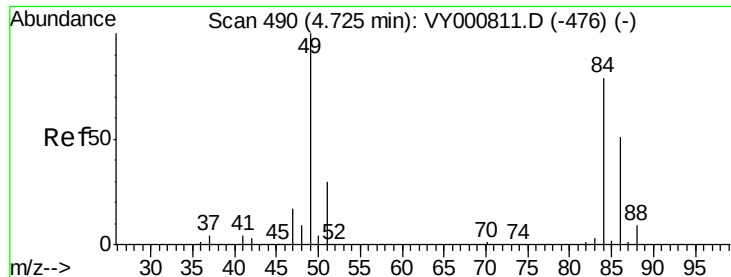
Tgt Ion: 43 Resp: 1013

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#

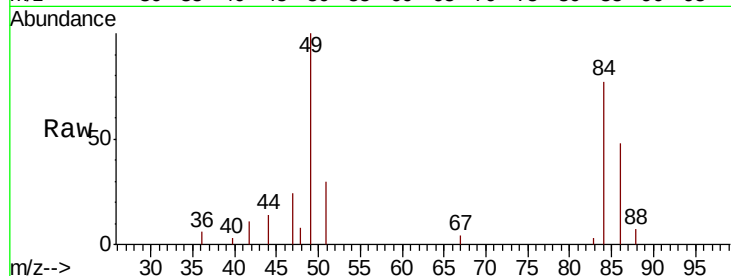




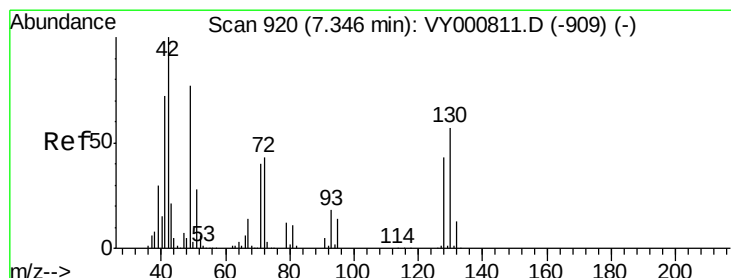
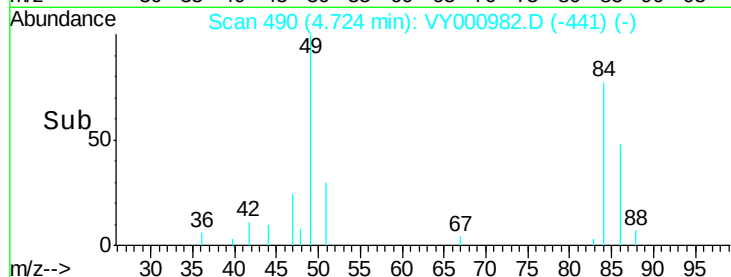
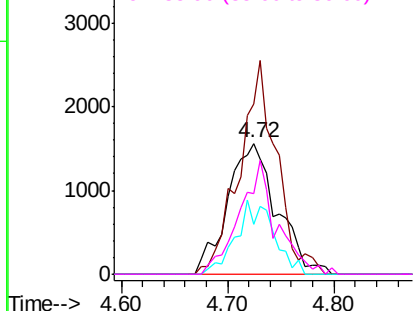
#20
Methylene Chloride
Concen: 3.354 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :
EP-11

Tgt Ion:	84	Resp:	5060
Ion	Ratio	Lower	Upper
84	100		
49	129.9	101.3	151.9
51	38.5	30.6	45.8
86	61.8	51.3	76.9

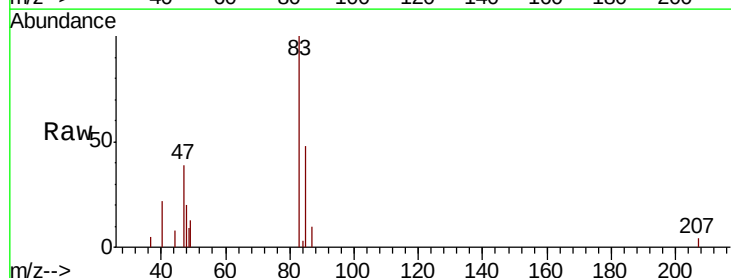


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

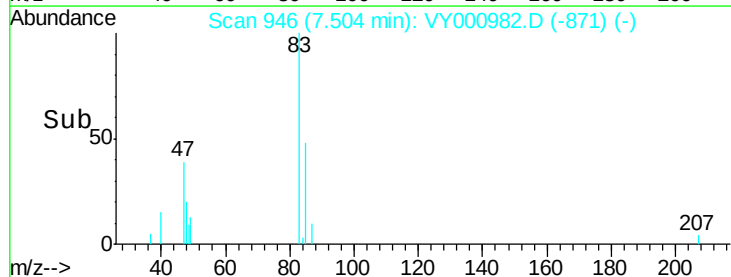
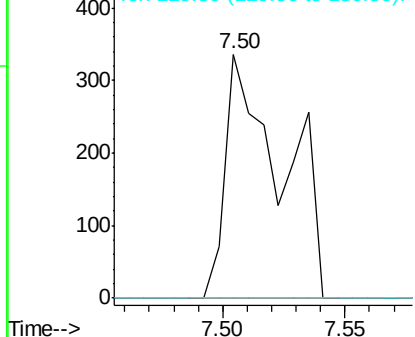


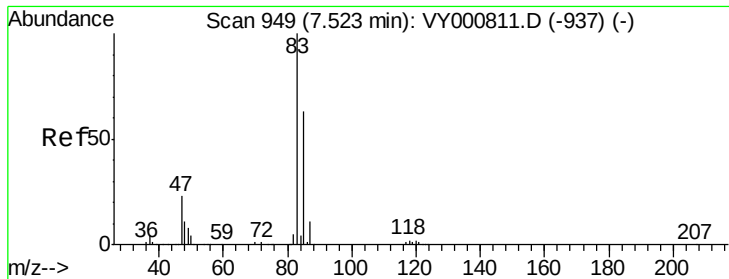
#28
Bromochloromethane
Concen: 2.580 ug/l
RT: 7.50 min Scan# 946
Delta R.T. 0.16 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Tgt Ion:	49	Resp:	539
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

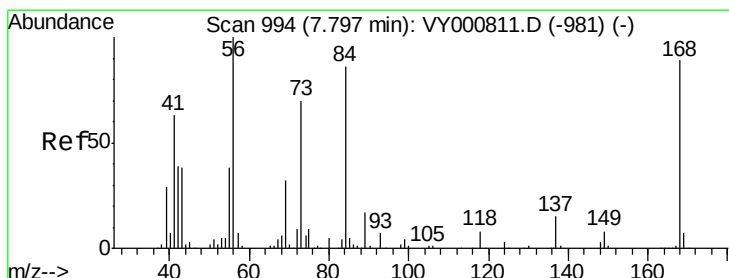
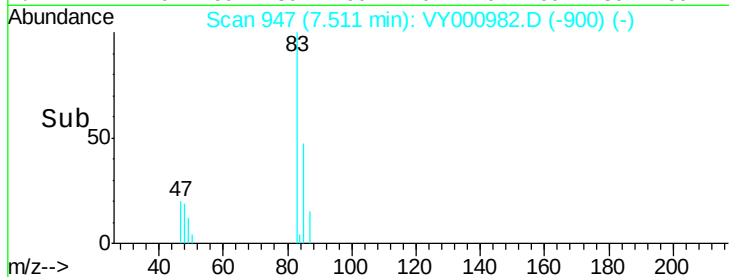
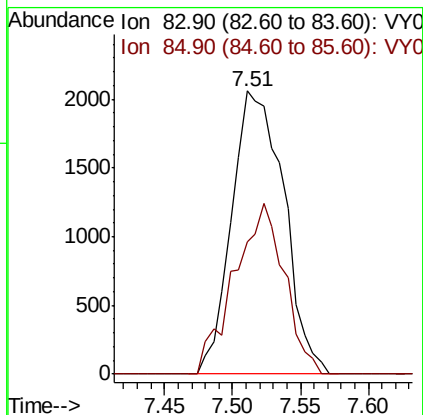
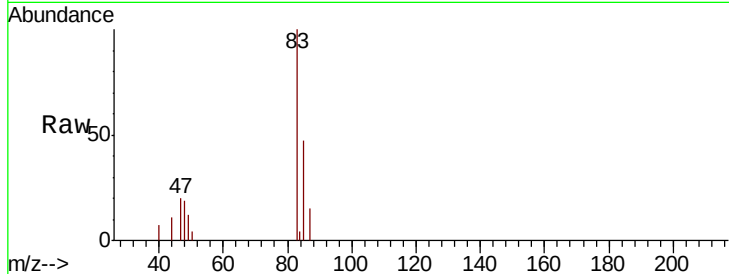




#30
Chloroform
Concen: 2.196 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

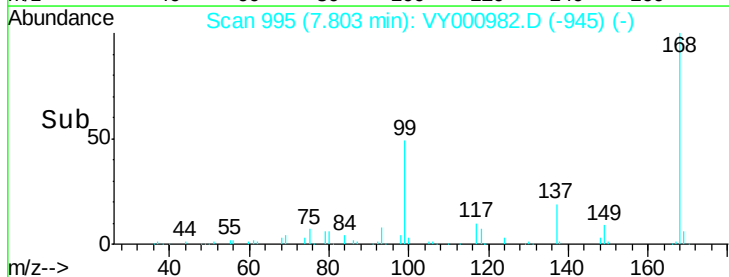
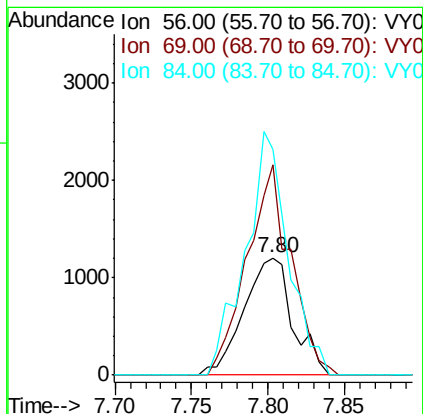
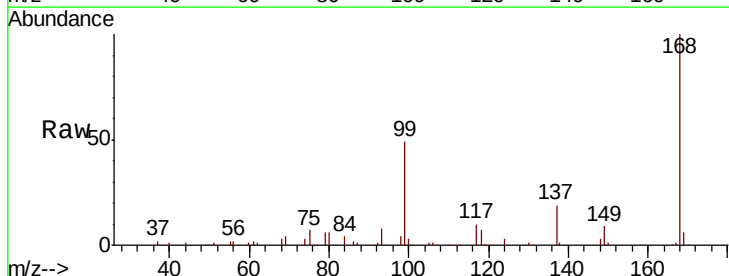
Instrument :
MSVOA_Y
ClientSampled :
EP-11

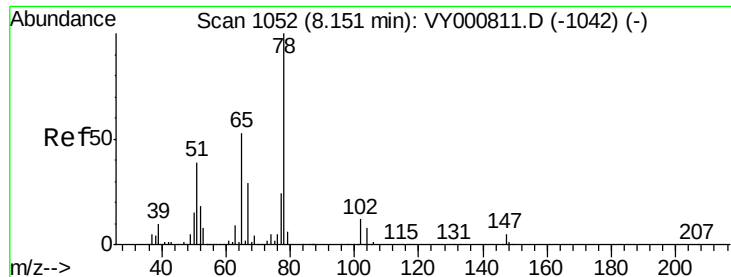
Tgt Ion: 83 Resp: 5509
Ion Ratio Lower Upper
83 100
85 47.0 50.4 75.6#



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Tgt Ion: 56 Resp: 2681
Ion Ratio Lower Upper
56 100
69 179.8 25.9 38.9#
84 192.2 68.6 102.8#

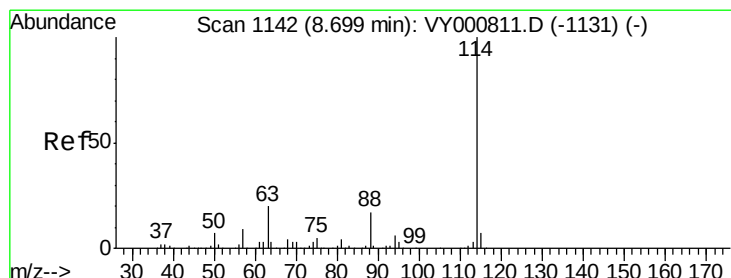
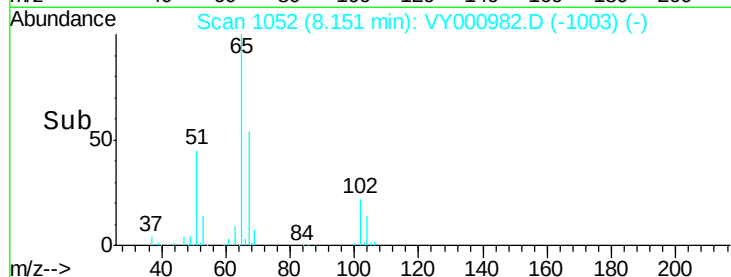
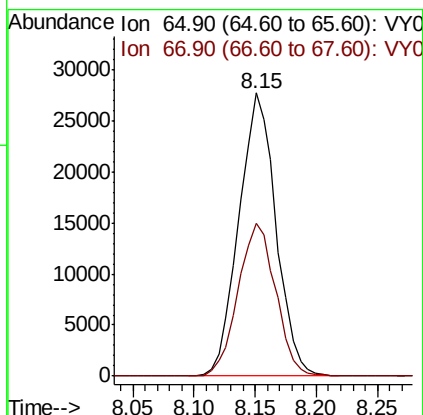
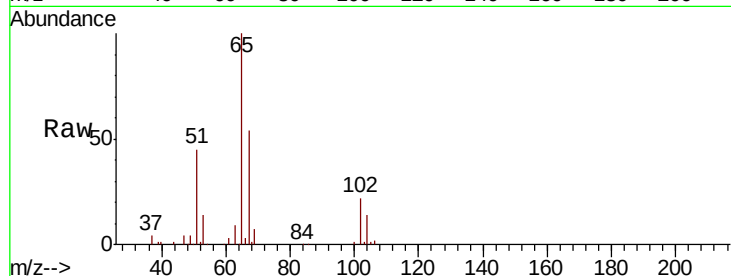




#33
 1,2-Dichloroethane-d4
 Concen: 46.730 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000982.D
 Acq: 17 Dec 2019 16:34

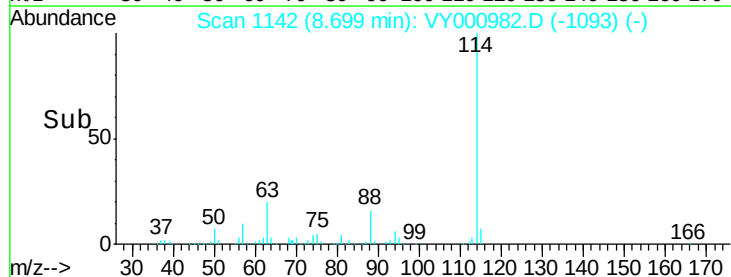
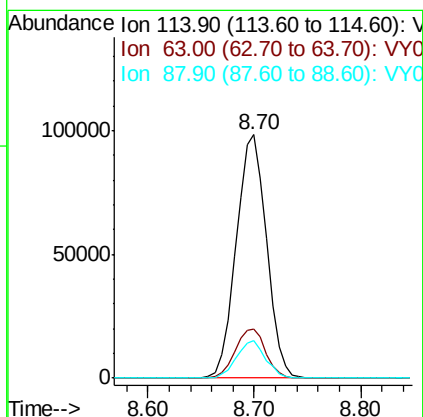
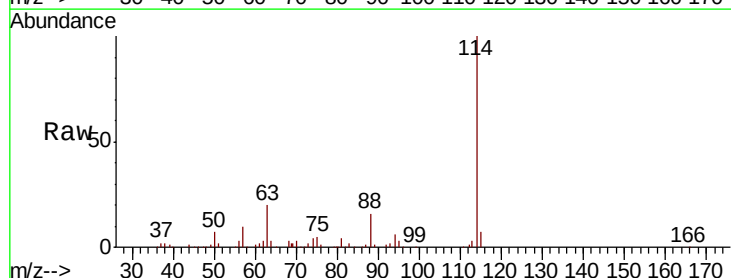
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-11

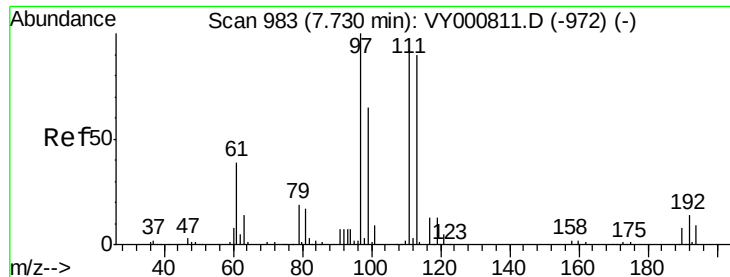
Tgt Ion: 65 Resp: 58301
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000982.D
 Acq: 17 Dec 2019 16:34

Tgt Ion: 114 Resp: 196702
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.8
 88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.494 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000982.D

Acq: 17 Dec 2019 16:34

Instrument :

MSVOA_Y

ClientSampleId :

EP-11

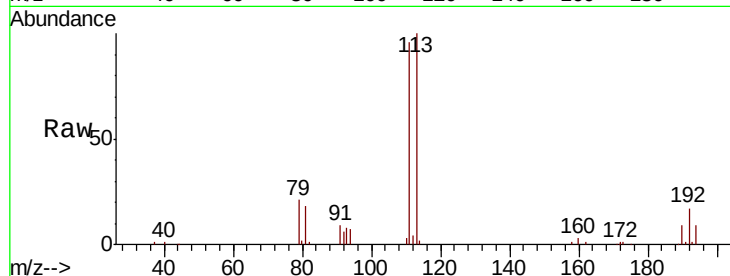
Tgt Ion:113 Resp: 55593

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

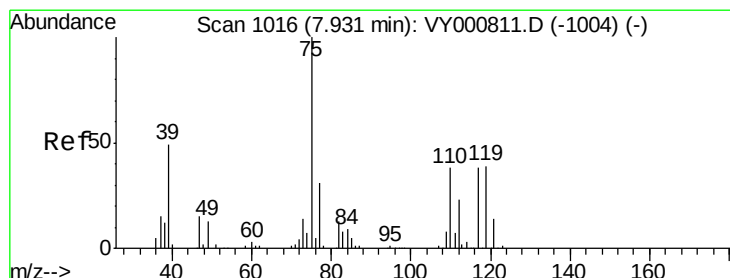
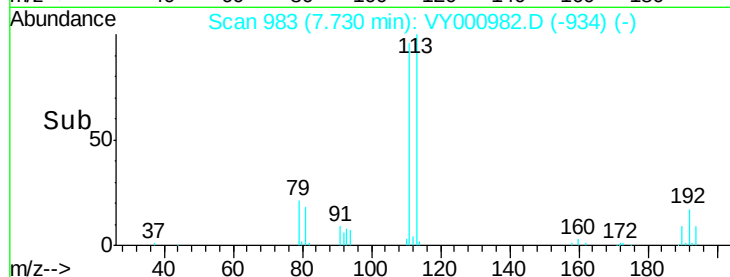
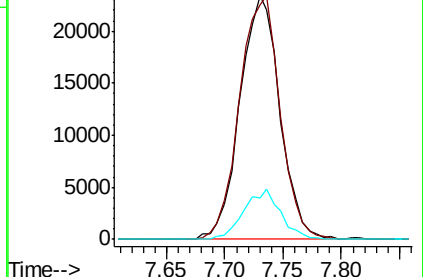
192 19.1 14.2 21.2



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: 4.721 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000982.D

Acq: 17 Dec 2019 16:34

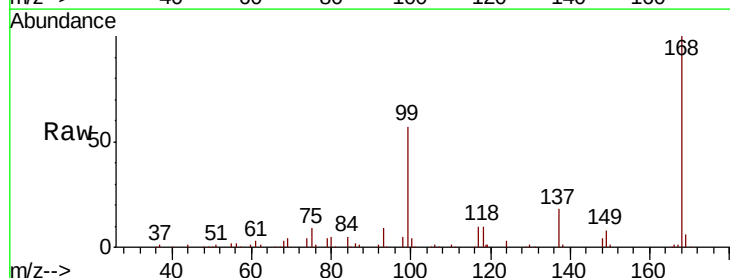
Tgt Ion: 75 Resp: 9233

Ion Ratio Lower Upper

75 100

110 4.9 17.9 53.7#

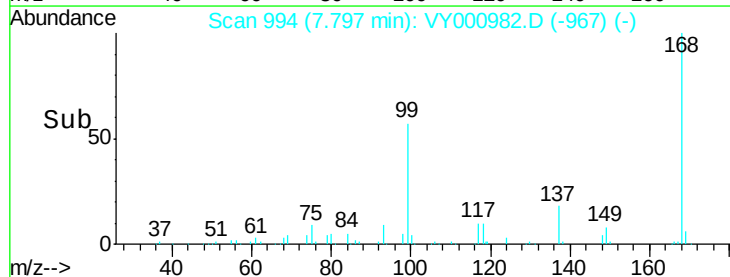
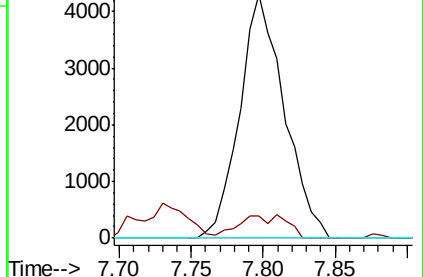
77 0.0 24.7 37.1#

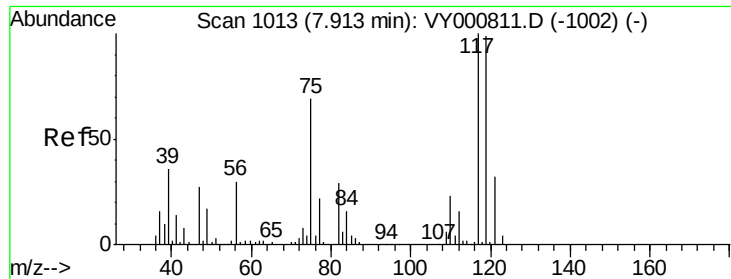


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

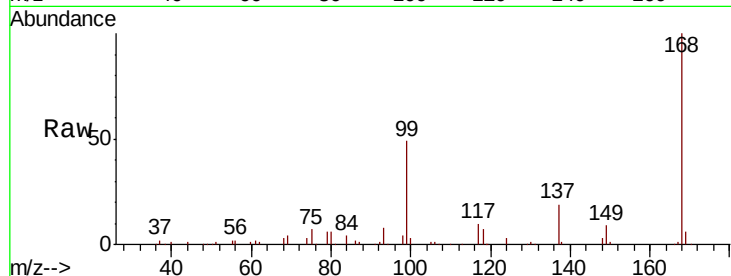




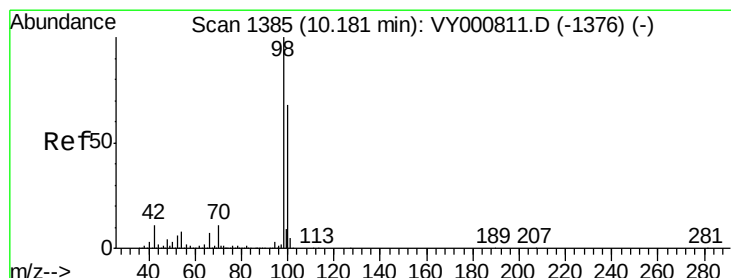
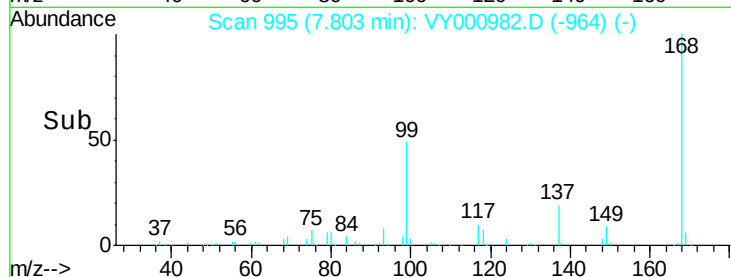
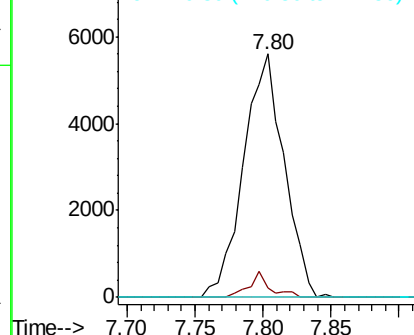
#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Instrument :
MSVOA_Y
ClientSampled :
EP-11

Tgt Ion: 117 Resp: 11682
Ion Ratio Lower Upper
117 100
119 3.9 79.3 118.9#
121 0.0 25.5 38.3#

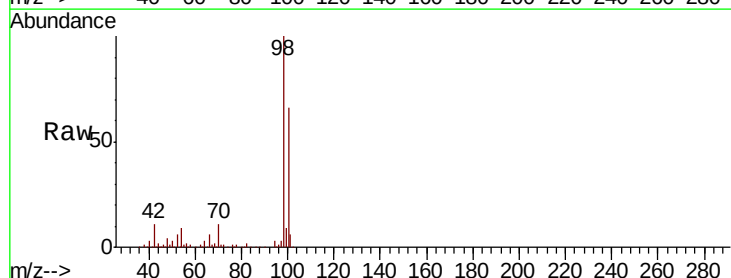


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

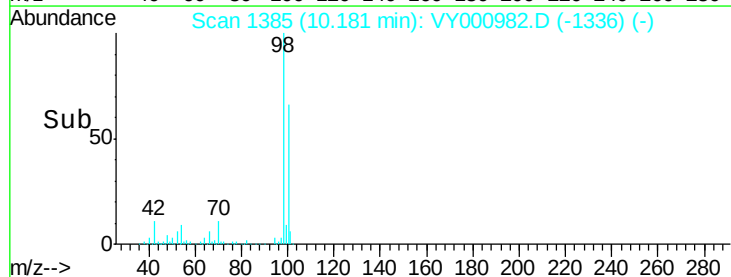
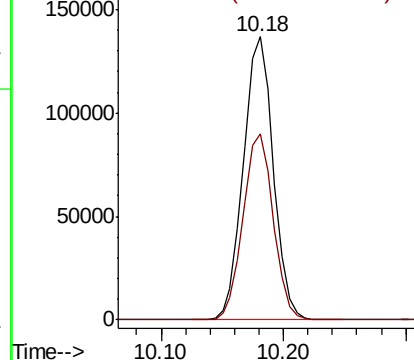


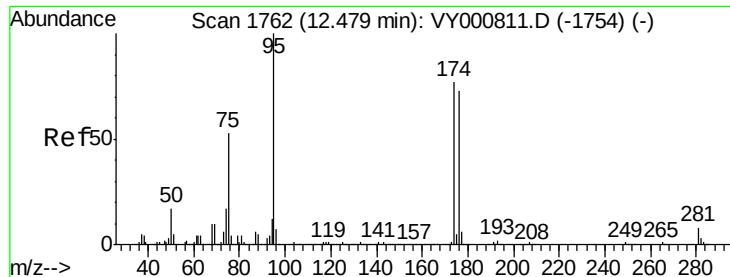
#50
Toluene-d8
Concen: 50.657 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Tgt Ion: 98 Resp: 232171
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



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

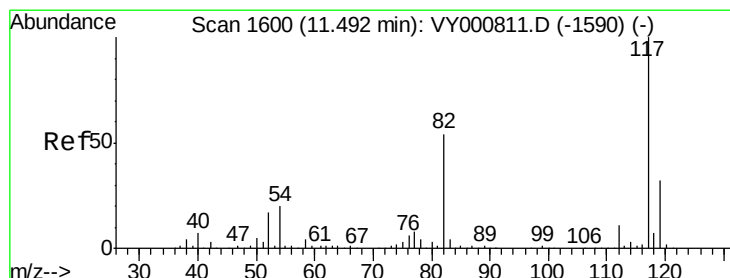
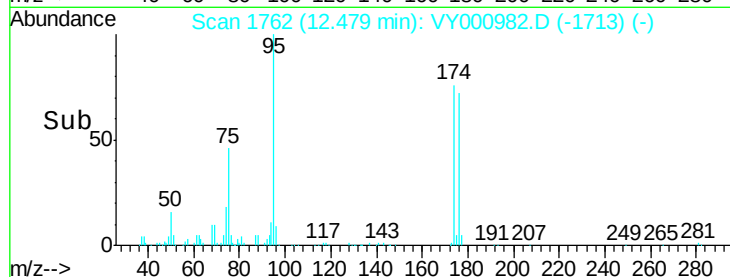
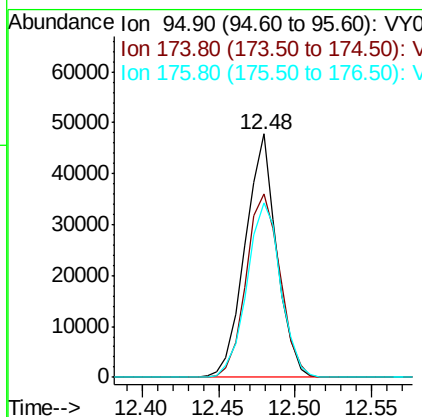
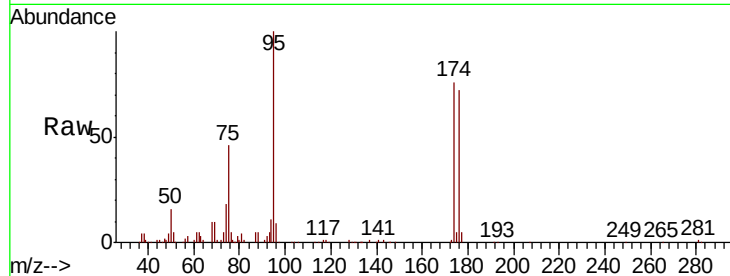




#62
4-Bromofluorobenzene
Concen: 39.547 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

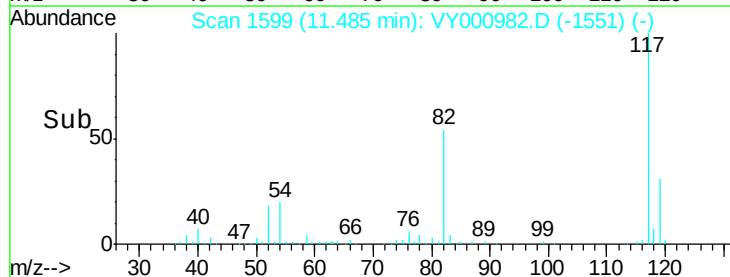
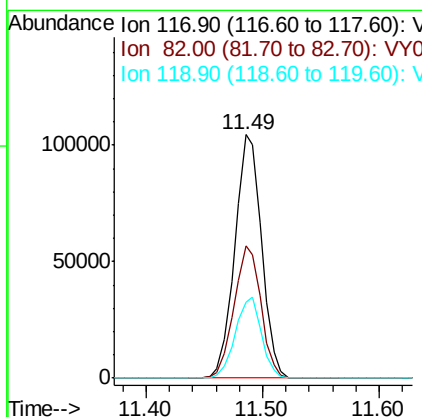
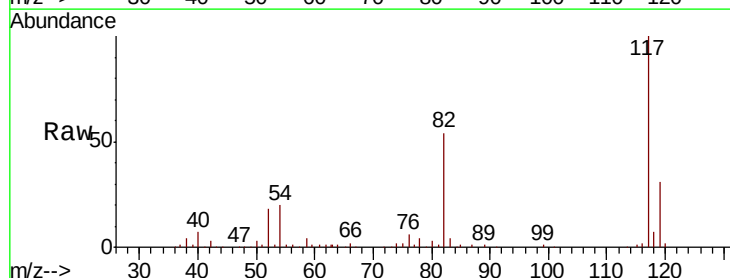
Instrument :
MSVOA_Y
ClientSampled :
EP-11

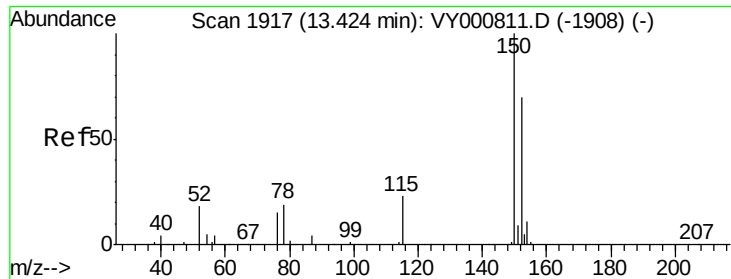
Tgt Ion: 95 Resp: 68069
Ion Ratio Lower Upper
95 100
174 82.0 0.0 150.6
176 77.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Tgt Ion: 117 Resp: 167797
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 31.4 25.3 37.9



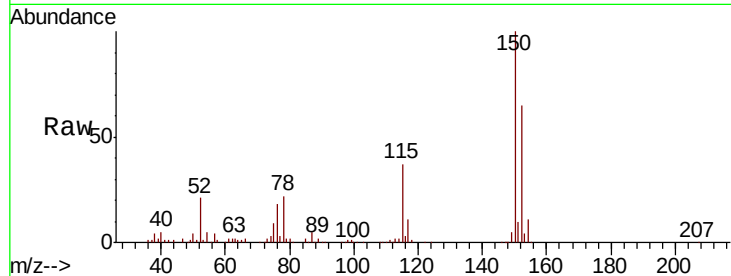


#72

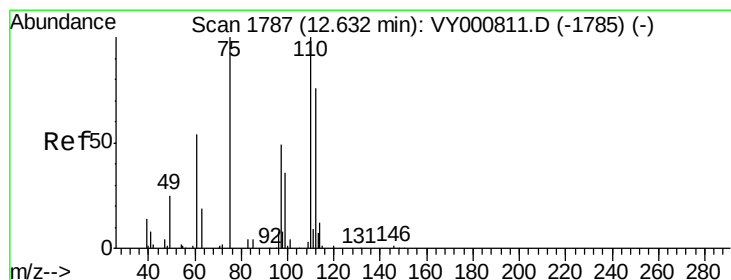
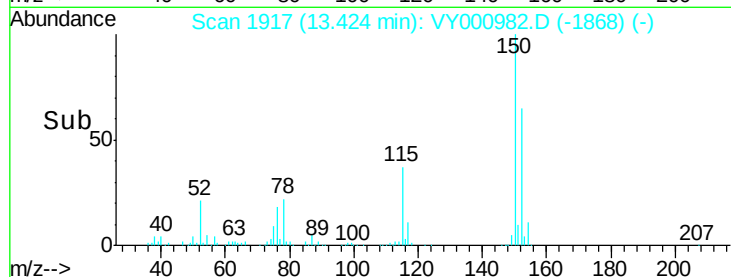
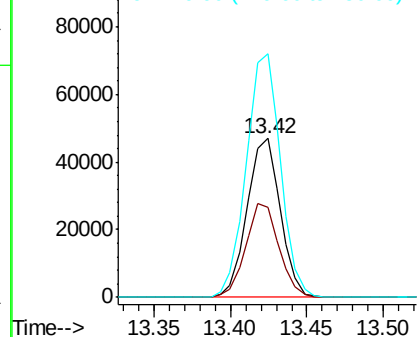
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :
EP-11

Tgt Ion:152 Resp: 70755
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 157.9 0.0 351.2



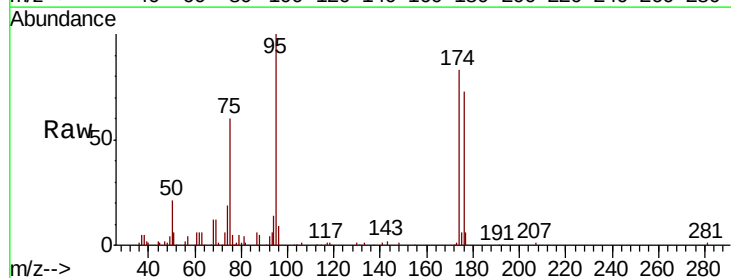
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



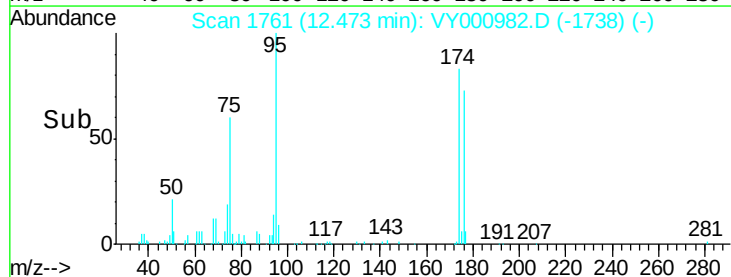
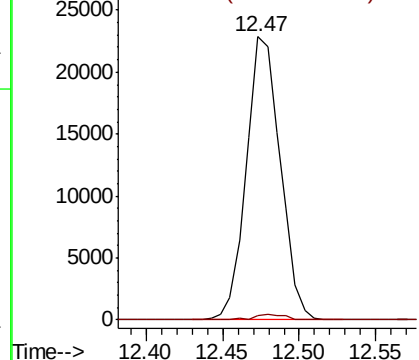
#76

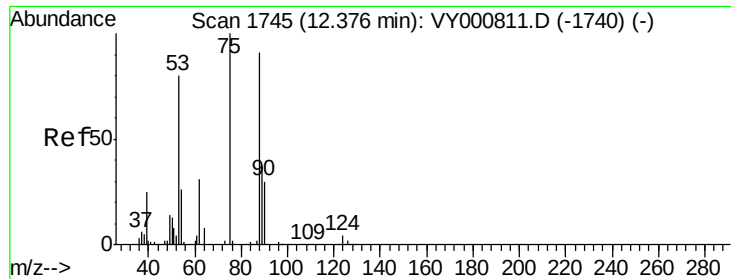
1,2,3-Trichloropropane
Concen: 44.019 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000982.D
Acq: 17 Dec 2019 16:34

Tgt Ion: 75 Resp: 35288
Ion Ratio Lower Upper
75 100
77 1.7 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: 86.467 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000982.D

Acq: 17 Dec 2019 16:34

Instrument :

MSVOA_Y

ClientSampleId :

EP-11

Tgt Ion: 75 Resp: 35288

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

