

Data File : VW006816.D
Acq On : 12 Nov 2018 19:30
Operator : SY/AP
Sample : J5860-05MS
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)RE

Quant Time: Nov 13 02:47:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	28980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	38764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	34308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	10420	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.90	113	11123	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.33	98	36939	38.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.22%	
62) 4-Bromofluorobenzene	12.62	95	10698	30.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.72%	

Target Compounds

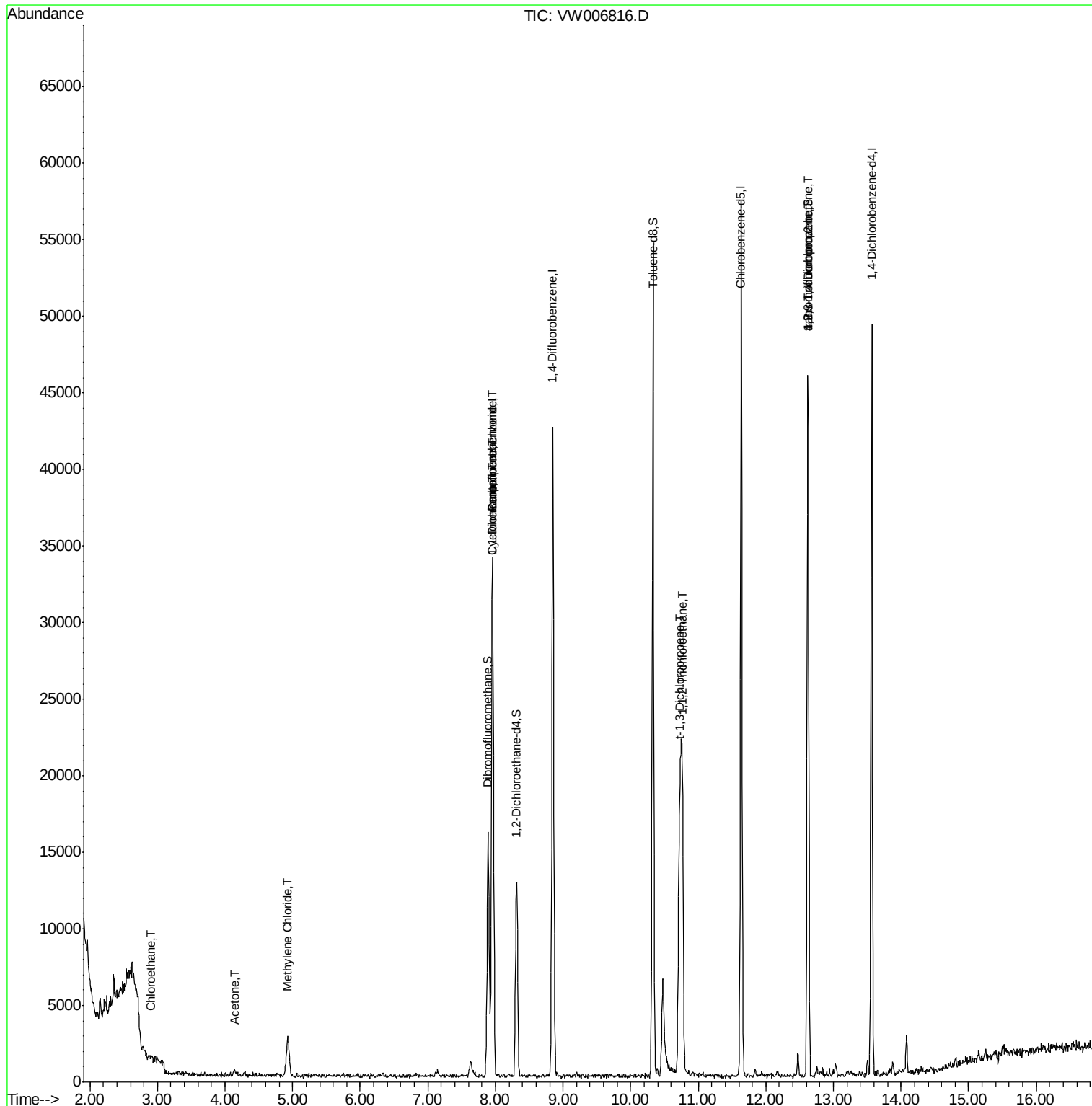
						Qvalue
6) Chloroethane	2.91	64	472	2.526	ug/l #	43
16) Acetone	4.14	43	656	21.561	ug/l #	83
20) Methylene Chloride	4.93	84	2018	2.329	ug/l	94
31) Cyclohexane	7.95	56	412	1.015	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	837	2.307	ug/l #	47
38) Carbon Tetrachloride	7.96	117	2392	6.067	ug/l #	11
53) t-1,3-Dichloropropene	10.73	75	333	1.042	ug/l #	79
55) 1,1,2-Trichloroethane	10.77	97	319	1.643	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	5807	56.515	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5807	139.793	ug/l #	13

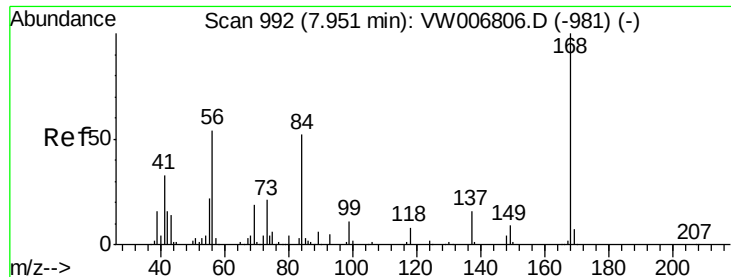
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

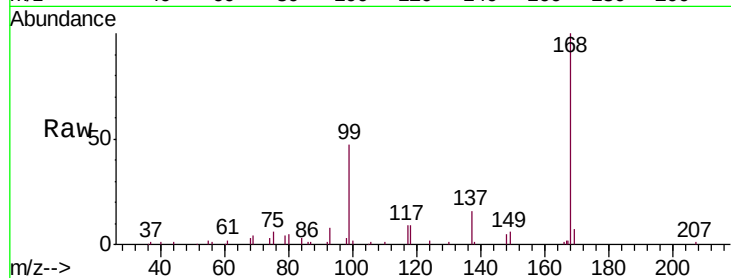
EP2-SB-104(15-17)RE

Tgt Ion:168 Resp: 28980

Ion Ratio Lower Upper

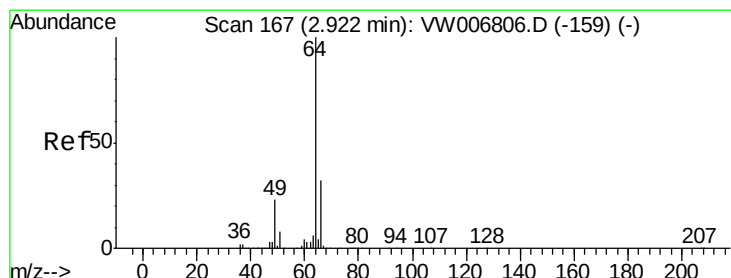
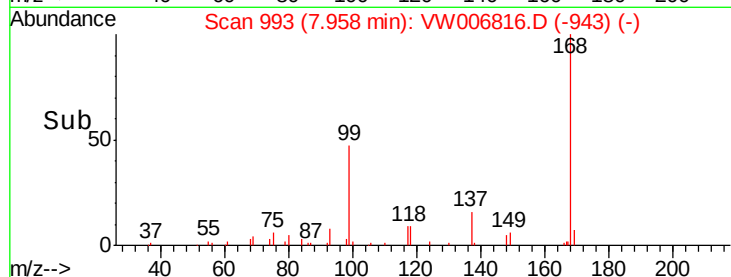
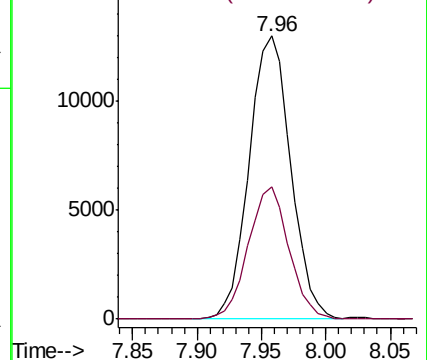
168 100

99 46.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: 2.526 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW006816.D

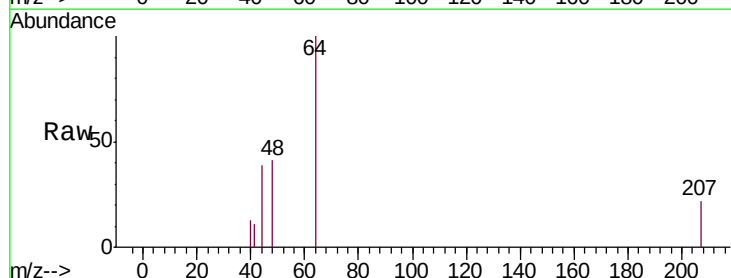
Acq: 12 Nov 2018 19:30

Tgt Ion: 64 Resp: 472

Ion Ratio Lower Upper

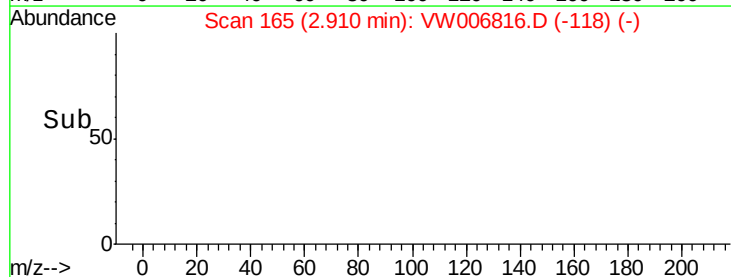
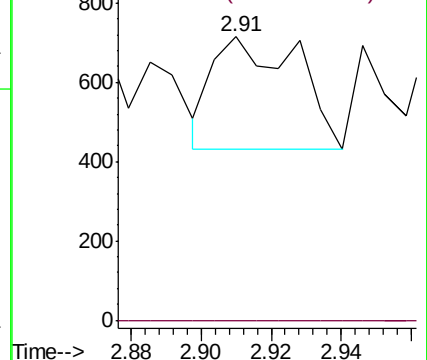
64 100

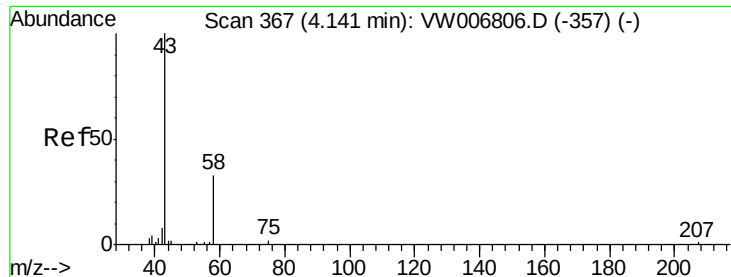
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#16

Acetone

Concen: 21.561 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

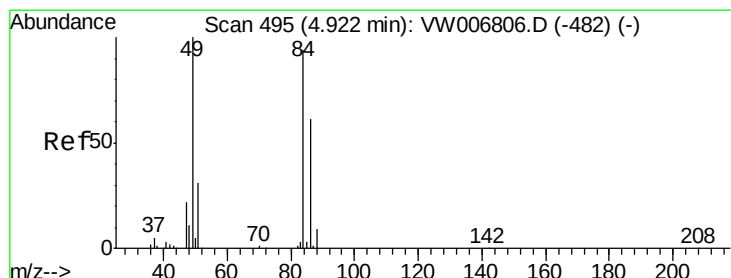
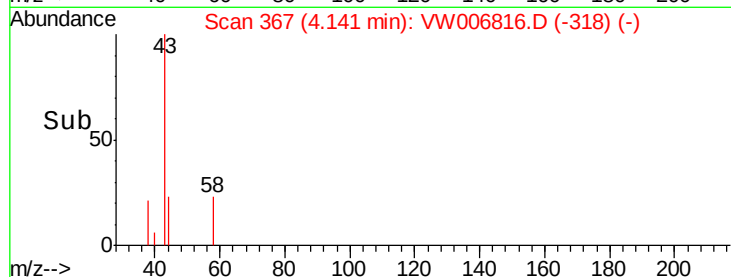
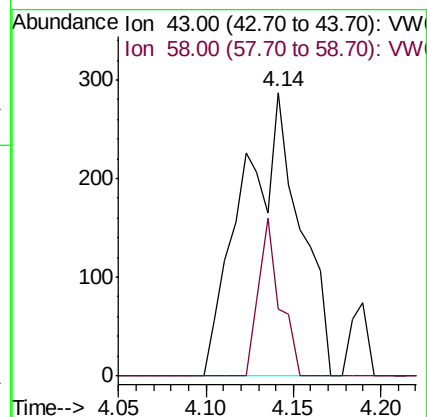
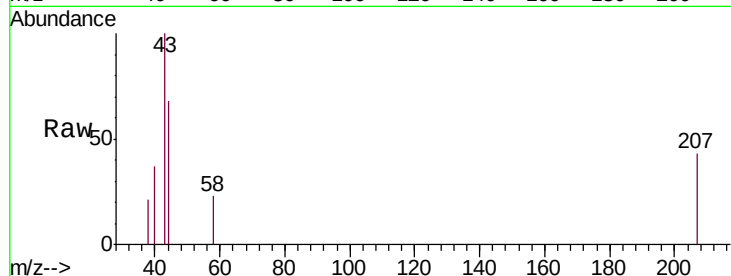
EP2-SB-104(15-17)RE

Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 23.3 26.5 39.7#



#20

Methylene Chloride

Concen: 2.329 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Tgt Ion: 84 Resp: 2018

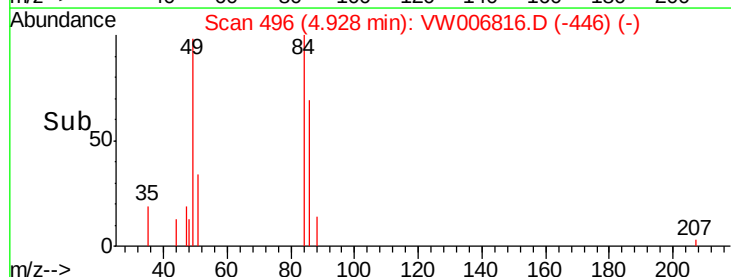
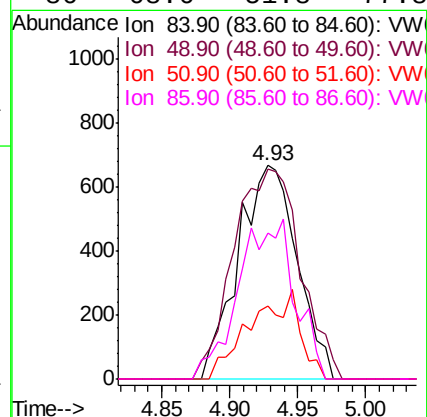
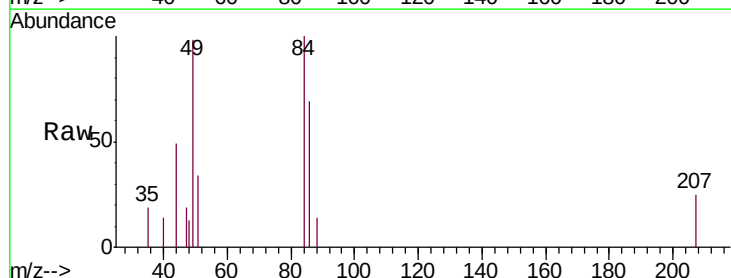
Ion Ratio Lower Upper

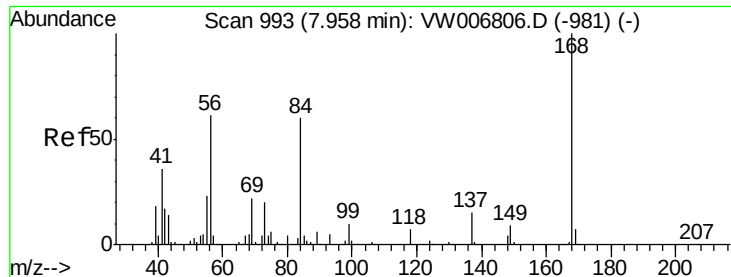
84 100

49 98.0 84.8 127.2

51 34.1 26.2 39.4

86 68.6 51.8 77.8

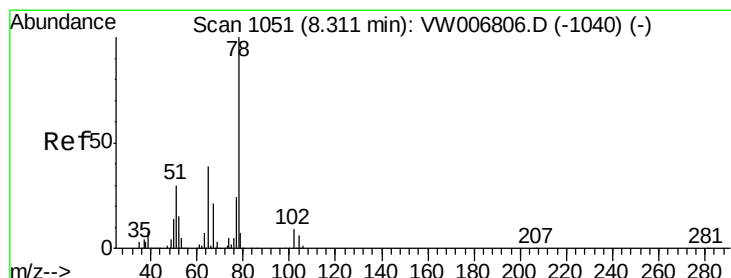
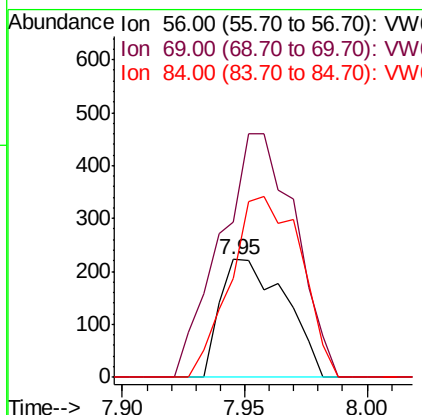
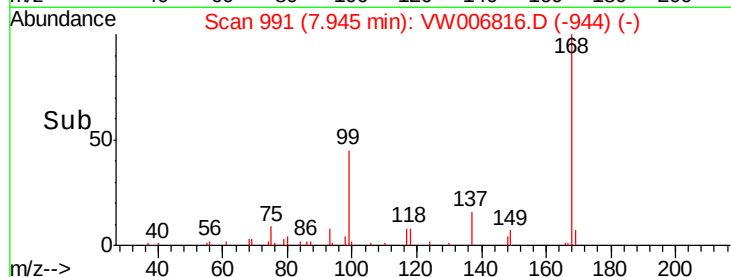
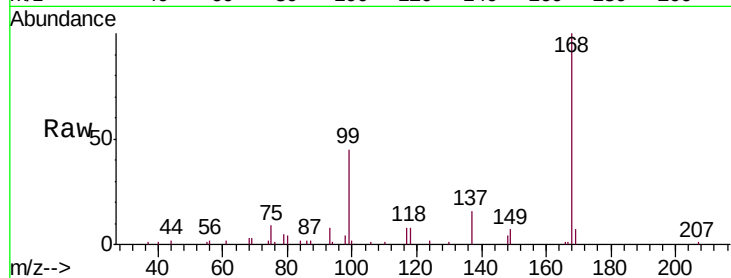




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006816.D
Acq: 12 Nov 2018 19:30

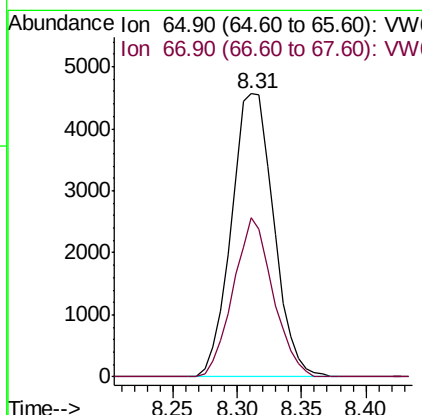
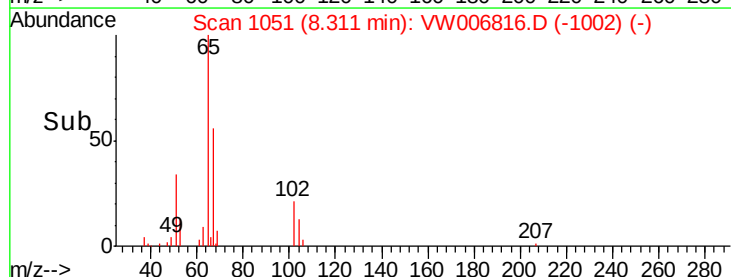
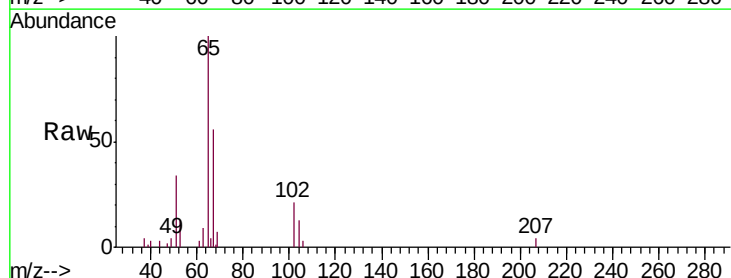
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)RE

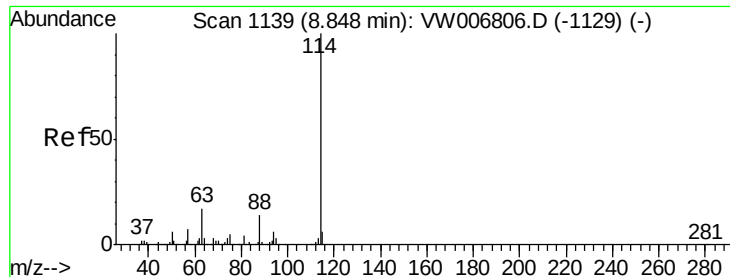
Tgt Ion: 56 Resp: 412
Ion Ratio Lower Upper
56 100
69 132.4 28.9 43.3#
84 84.7 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 49.185 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006816.D
Acq: 12 Nov 2018 19:30

Tgt Ion: 65 Resp: 10420
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.4

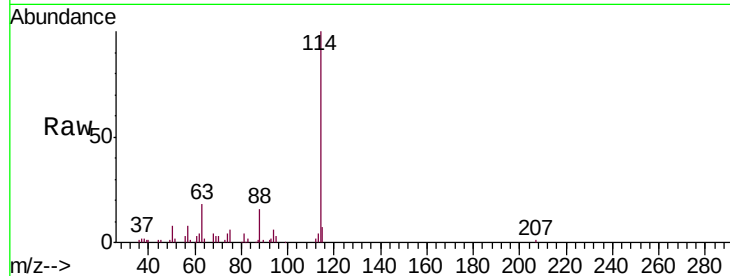




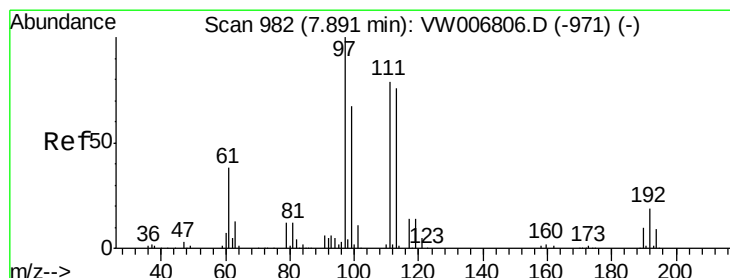
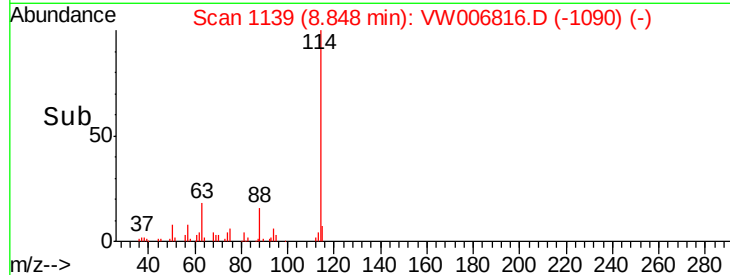
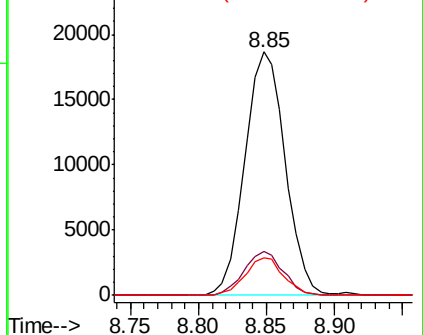
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)RE

Tgt Ion:114 Resp: 38764
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.6
 88 15.6 0.0 28.4

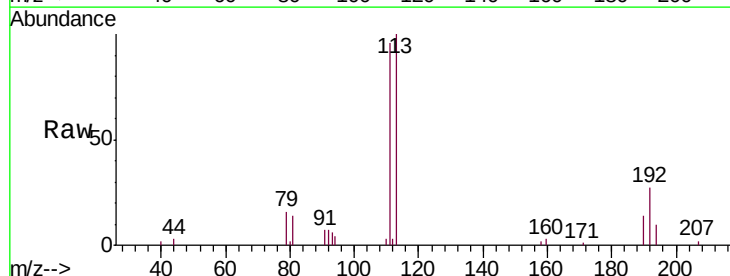


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

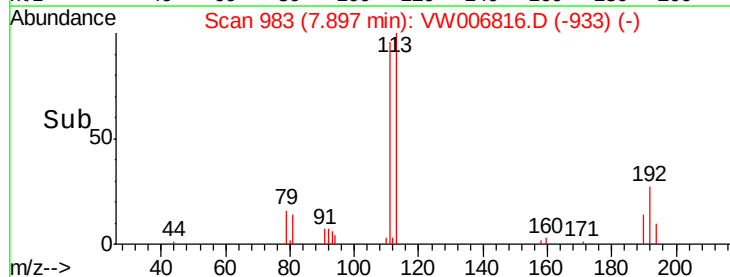
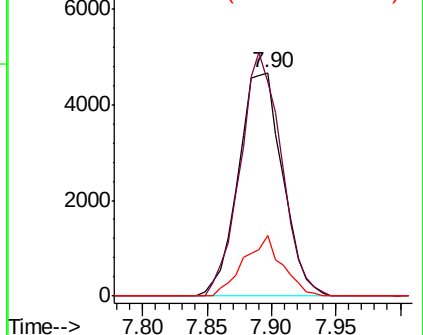


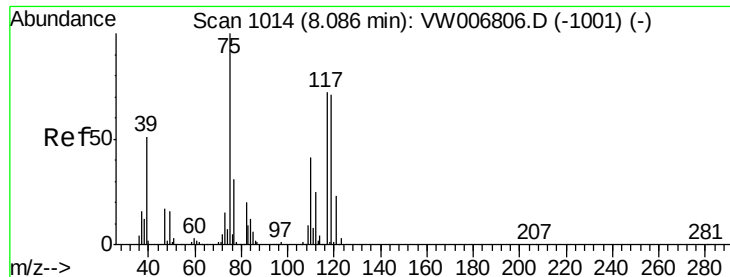
#35
 Dibromofluoromethane
 Concen: 48.187 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

Tgt Ion:113 Resp: 11123
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.0 121.6
 192 23.3 19.0 28.6



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

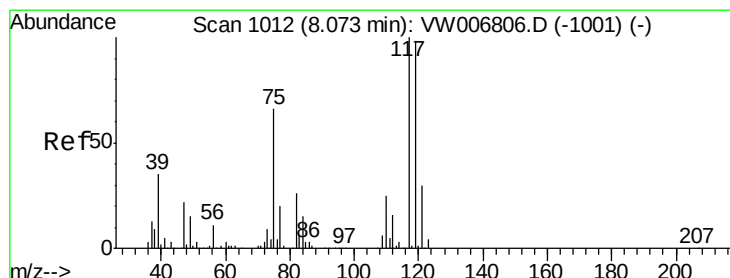
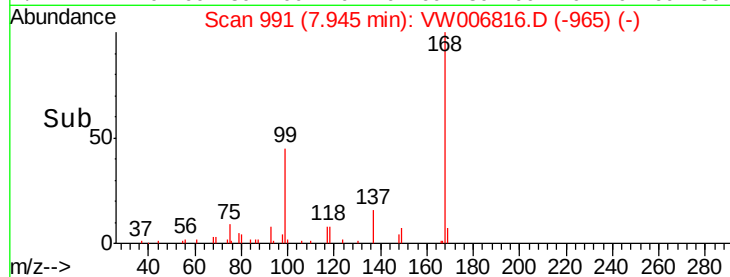
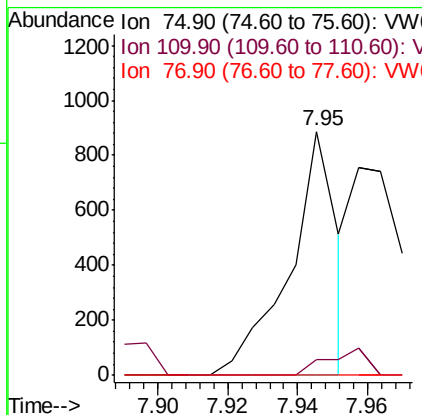
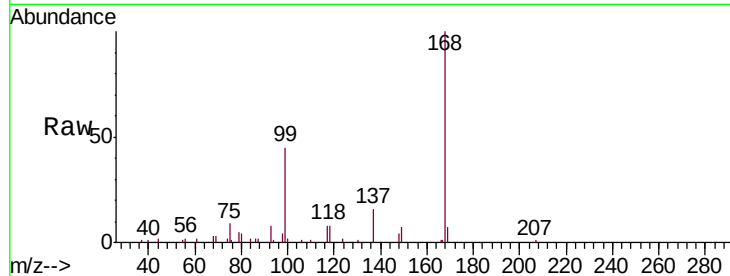




#36
 1,1-Dichloropropene
 Concen: 2.307 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

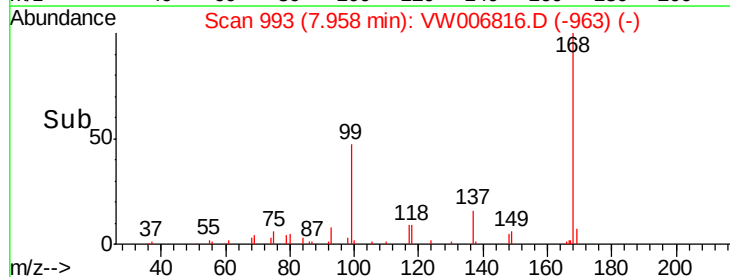
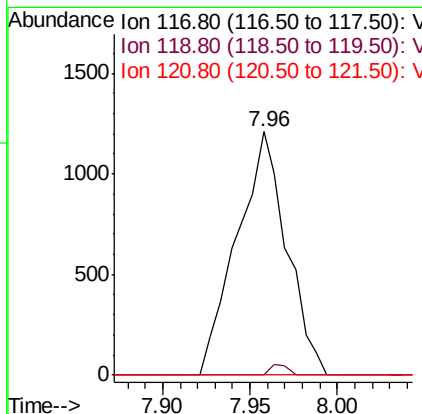
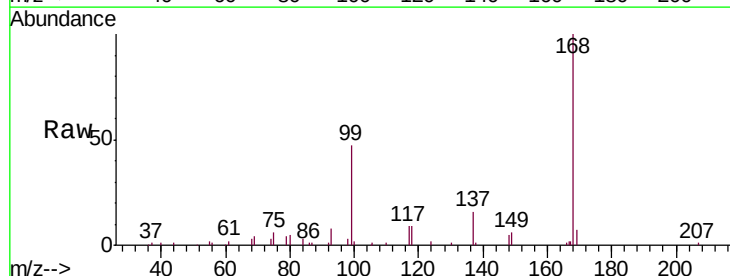
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)RE

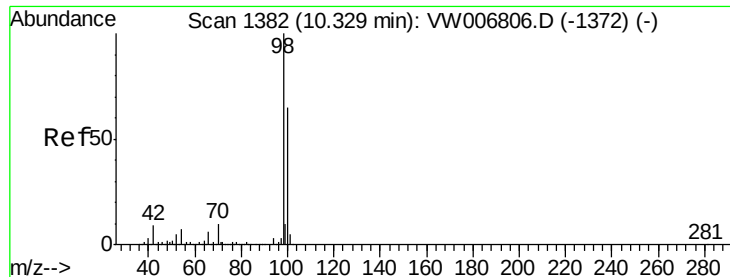
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 6.067 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 38.609 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

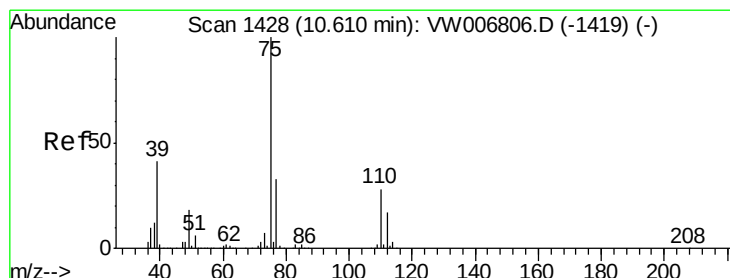
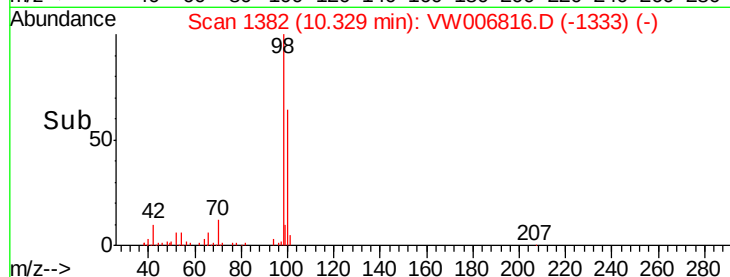
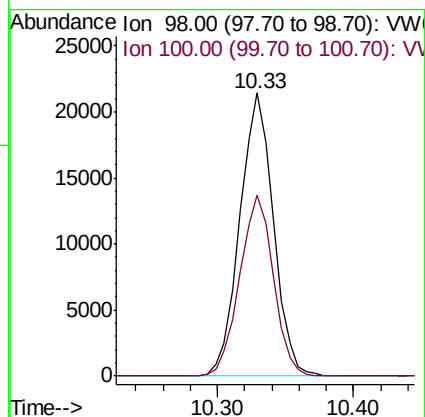
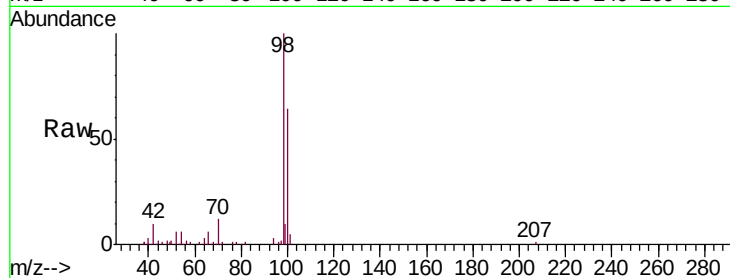
EP2-SB-104(15-17)RE

Tgt Ion: 98 Resp: 36939

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.2



#53

t-1,3-Dichloropropene

Concen: 1.042 ug/l

RT: 10.73 min Scan# 1447

Delta R.T. 0.12 min

Lab File: VW006816.D

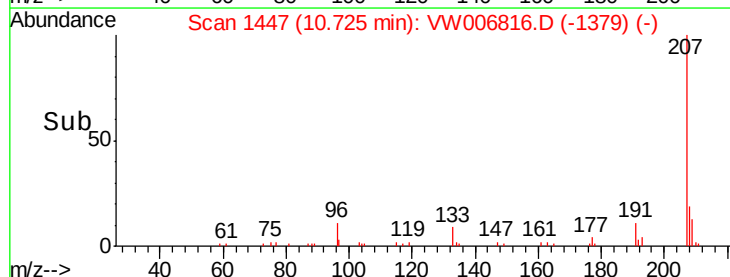
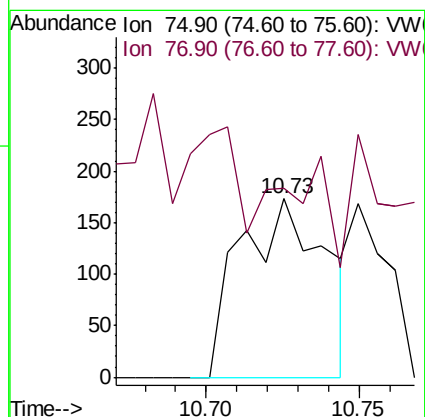
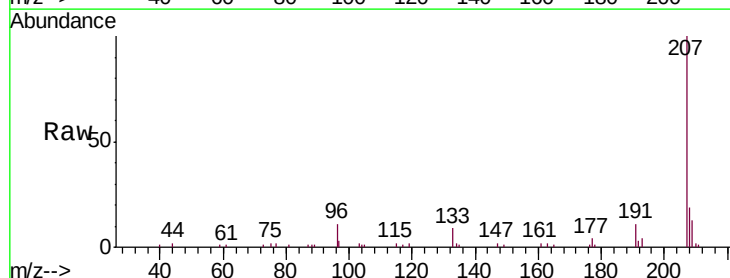
Acq: 12 Nov 2018 19:30

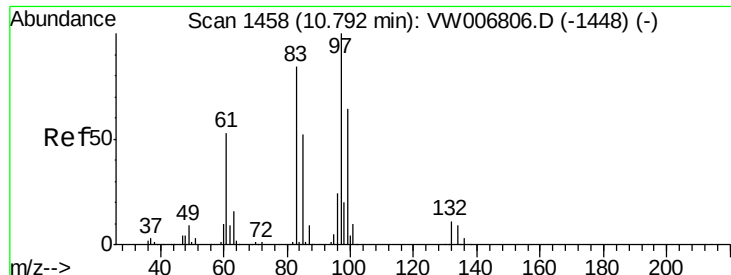
Tgt Ion: 75 Resp: 333

Ion Ratio Lower Upper

75 100

77 44.5 26.3 39.5#

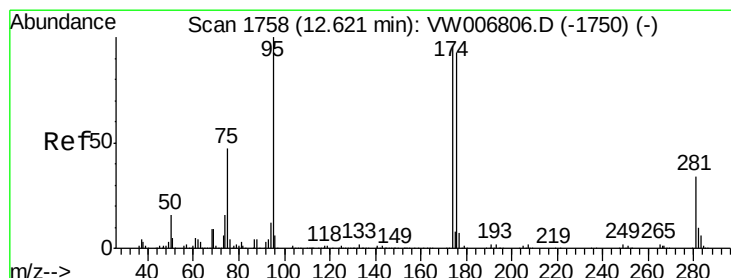
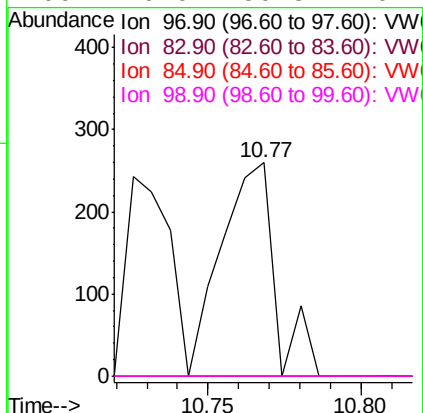
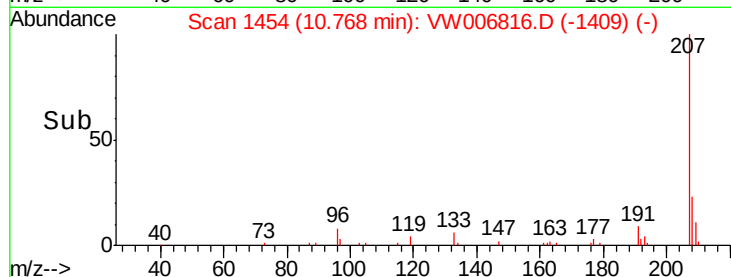
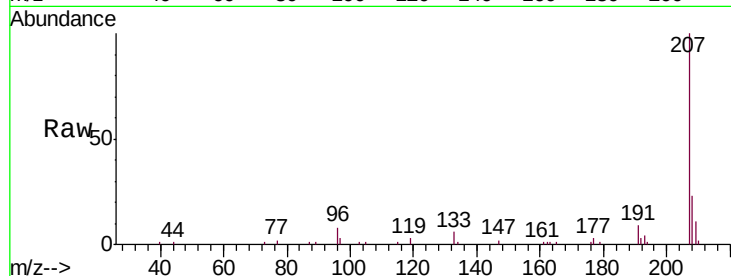




#55
 1,1,2-Trichloroethane
 Concen: 1.643 ug/l
 RT: 10.77 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

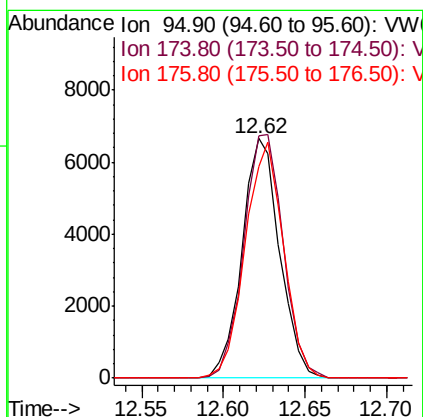
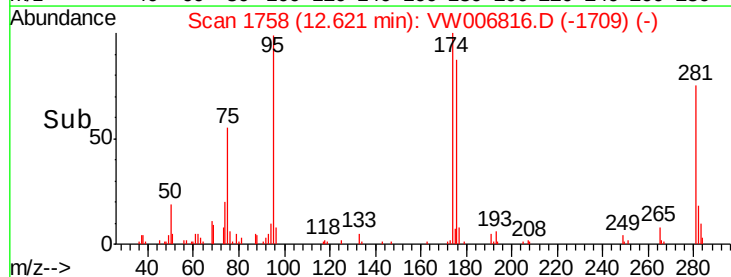
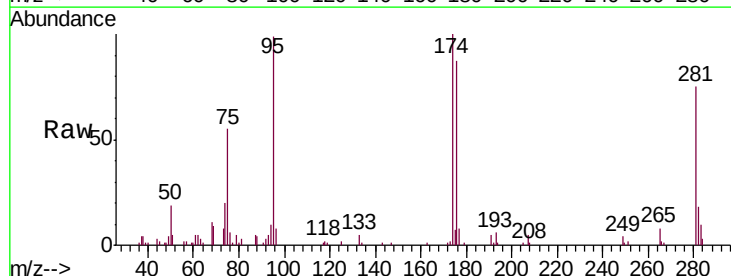
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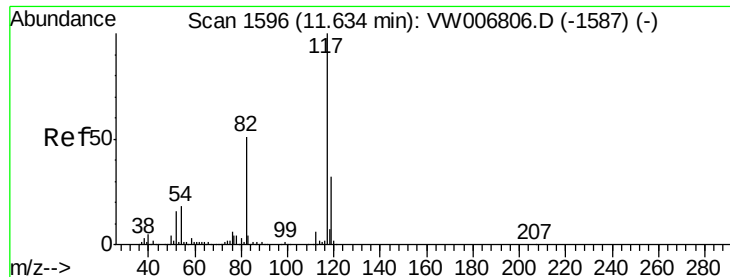
Tgt Ion: 97 Resp: 319
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.0 100.4#
 85 0.0 41.7 62.5#
 99 0.0 50.8 76.2#



#62
 4-Bromofluorobenzene
 Concen: 30.359 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006816.D
 Acq: 12 Nov 2018 19:30

Tgt Ion: 95 Resp: 10698
 Ion Ratio Lower Upper
 95 100
 174 106.1 0.0 196.6
 176 99.7 0.0 191.6

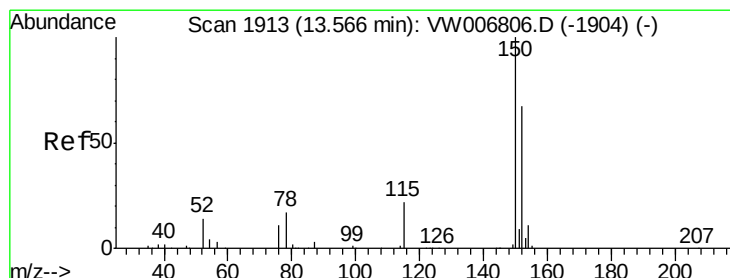
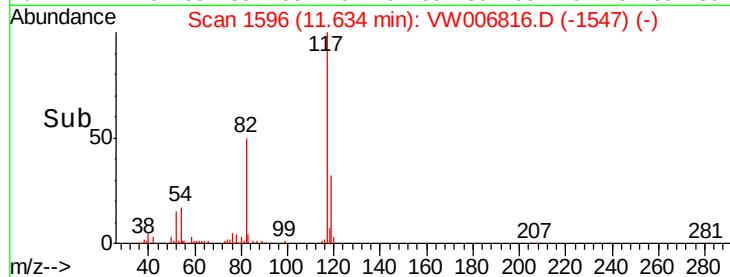
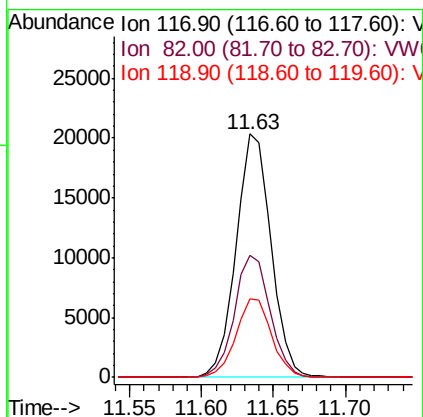
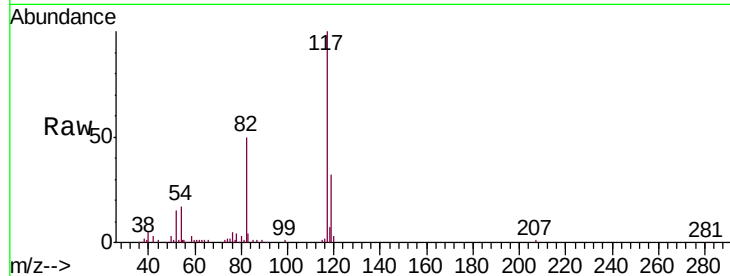




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006816.D
Acq: 12 Nov 2018 19:30

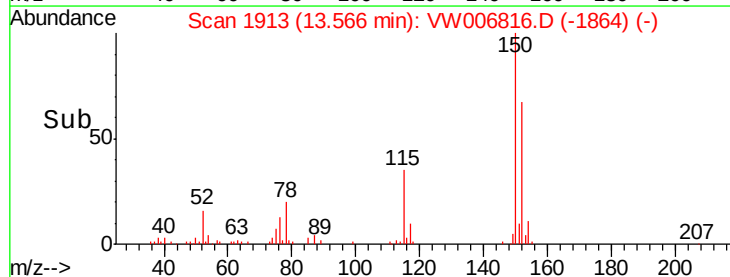
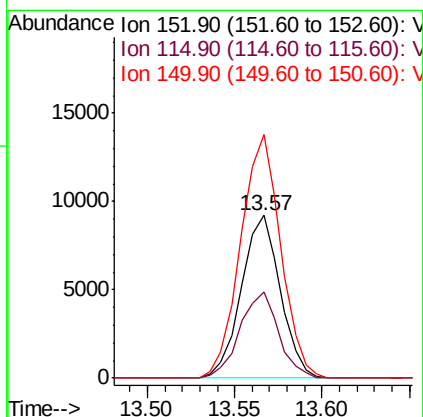
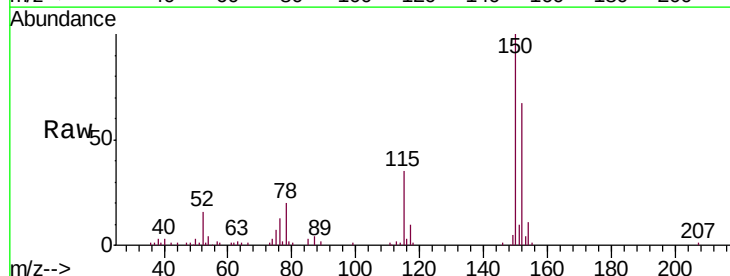
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)RE

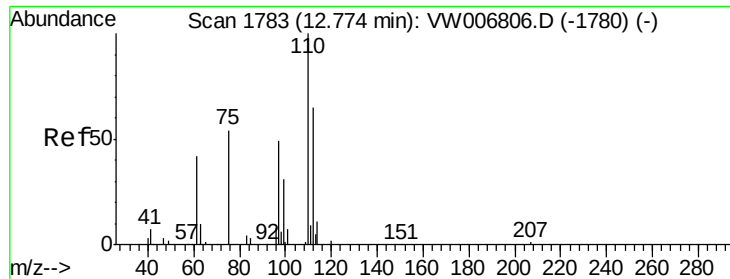
Tgt Ion:117 Resp: 34308
Ion Ratio Lower Upper
117 100
82 50.1 40.6 61.0
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006816.D
Acq: 12 Nov 2018 19:30

Tgt Ion:152 Resp: 14258
Ion Ratio Lower Upper
152 100
115 52.7 27.3 81.8
150 153.9 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 56.515 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

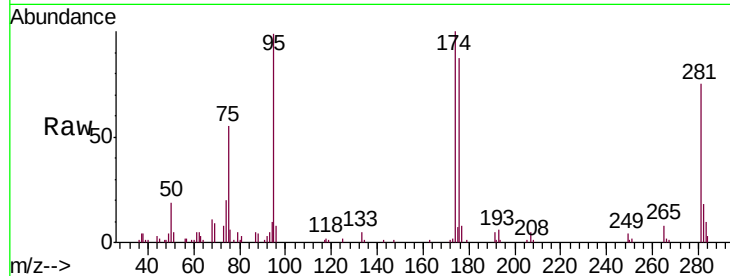
EP2-SB-104(15-17)RE

Tgt Ion: 75 Resp: 5807

Ion Ratio Lower Upper

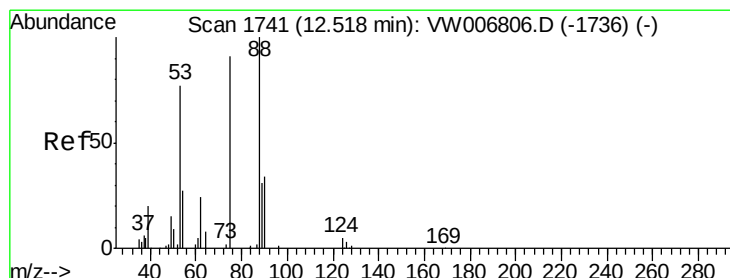
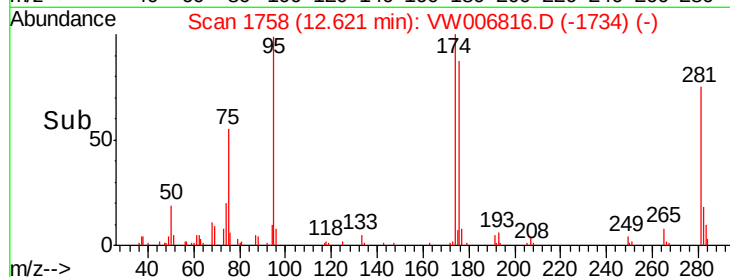
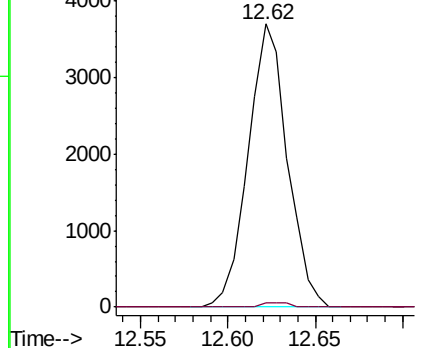
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 139.793 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006816.D

Acq: 12 Nov 2018 19:30

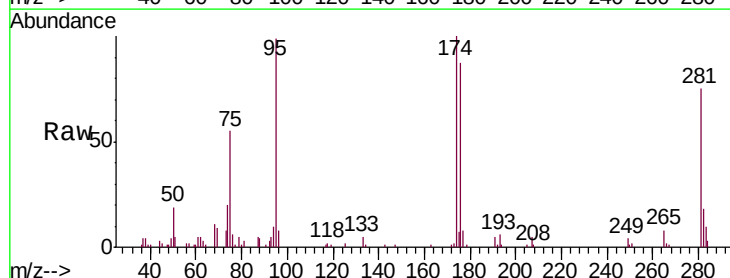
Tgt Ion: 75 Resp: 5807

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 38.7 58.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

