

Data File : VW013942.D
Acq On : 08 Nov 2019 14:11
Operator : SY/VA
Sample : K5742-03
Misc : 9.33G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-17-(6-8)

Quant Time: Nov 09 03:18:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156178	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111437	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	7.88	113	108767	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.32	98	451256	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	148597	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

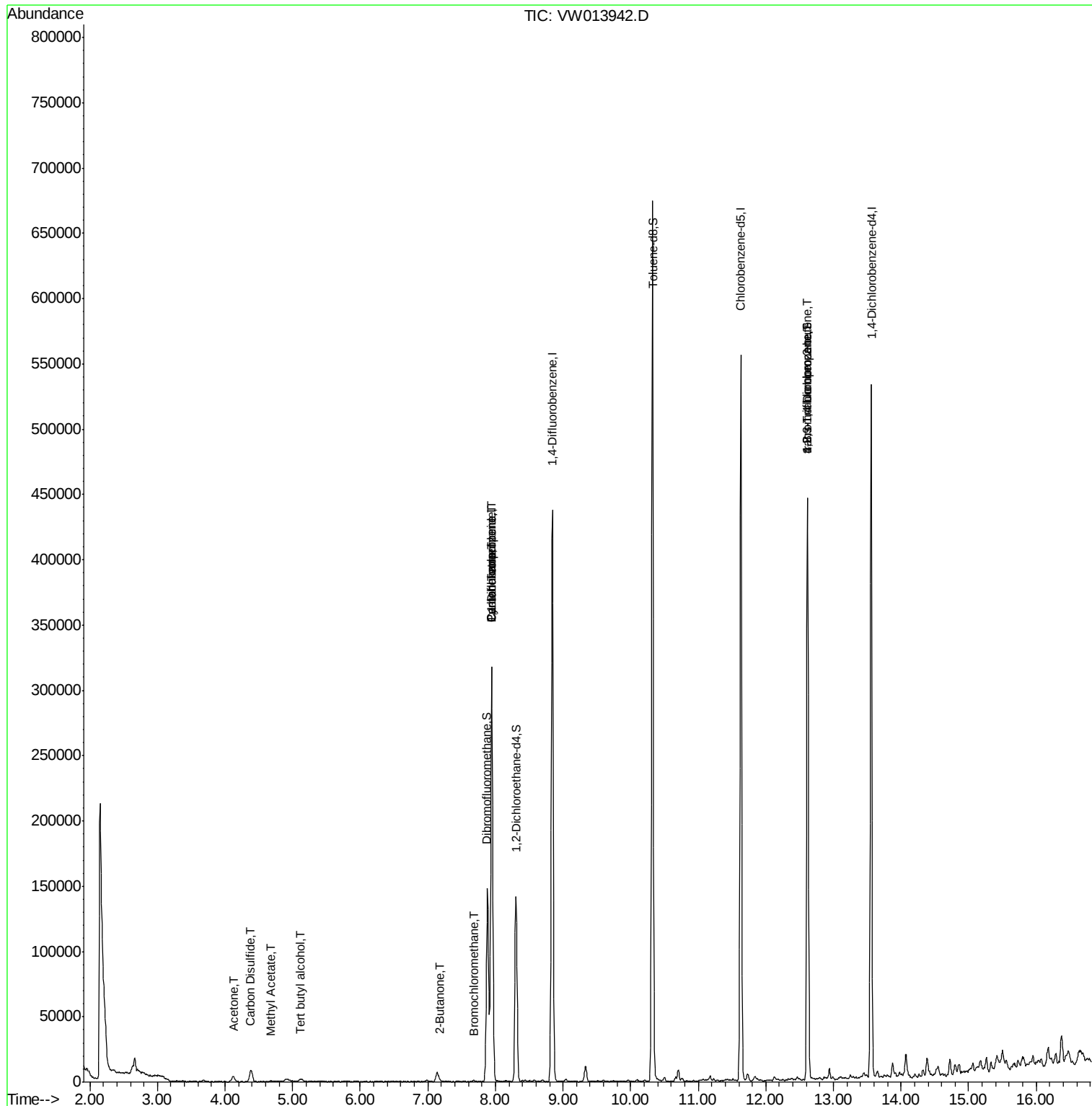
						Qvalue
11) Tert butyl alcohol	5.11	59	2573	21.685	ug/l #	71
16) Acetone	4.12	43	7526	17.859	ug/l	94
17) Carbon Disulfide	4.38	76	19476	2.854	ug/l	97
18) Methyl Acetate	4.68	43	1581	1.369	ug/l	92
20) Methylene Chloride	4.92	84	1825	Below Cal	#	81
25) 2-Butanone	7.18	43	1634	2.697	ug/l #	76
28) Bromochloromethane	7.69	49	20	1.353	ug/l #	7
31) Cyclohexane	7.94	56	5395	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16741	4.579	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22176	6.736	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	69079	61.591	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69079	116.398	ug/l #	14

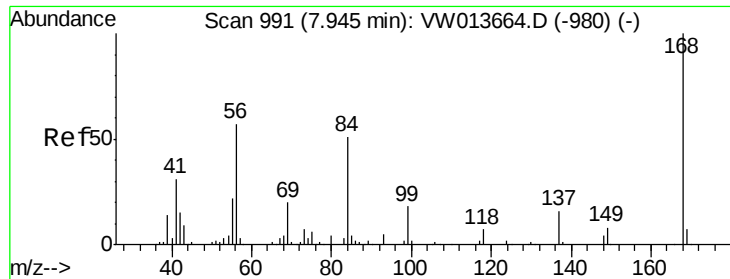
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

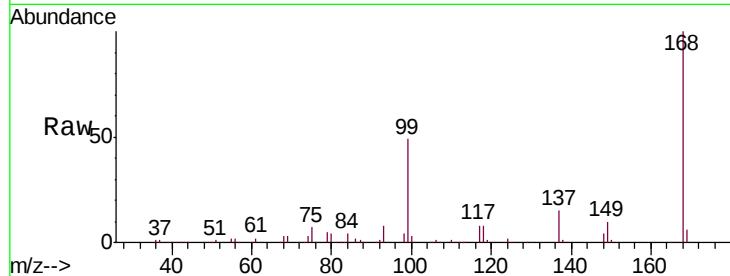
SB-17-(6-8)

Tgt Ion: 168 Resp: 264946

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

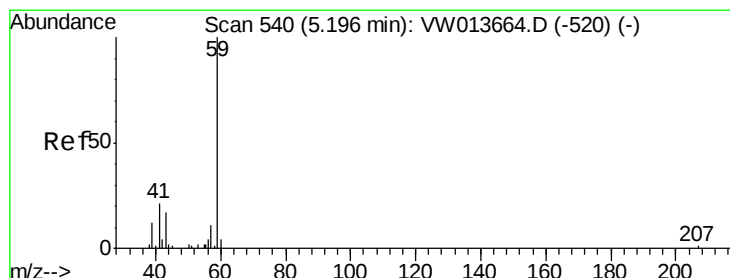
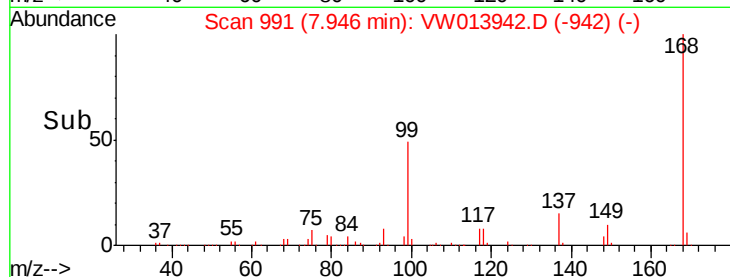
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 21.685 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.09 min

Lab File: VW013942.D

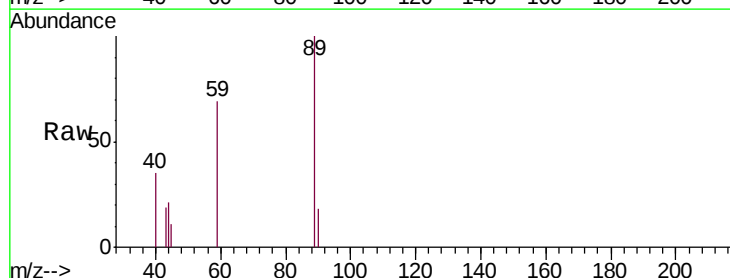
Acq: 08 Nov 2019 14:11

Tgt Ion: 59 Resp: 2573

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

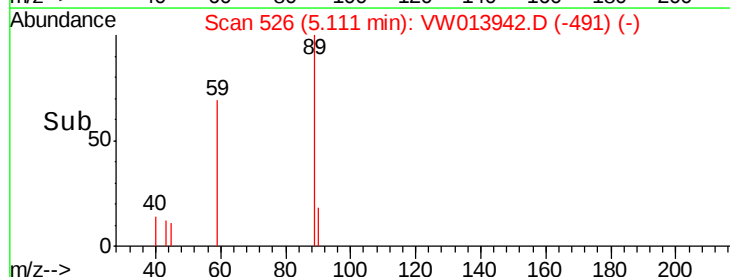
600

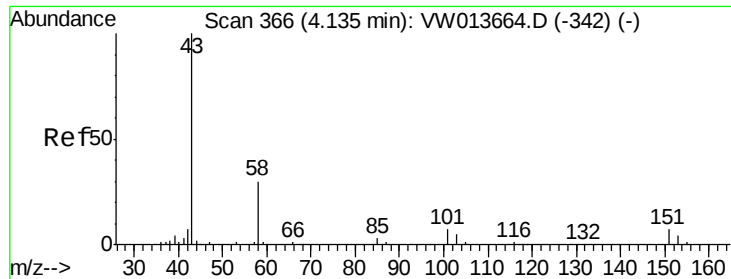
400

200

0

Time--> 5.00 5.10 5.20





#16

Acetone

Concen: 17.859 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

Instrument :

MSVOA_W

ClientSampled :

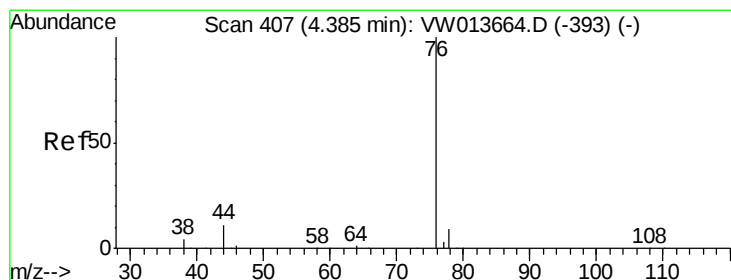
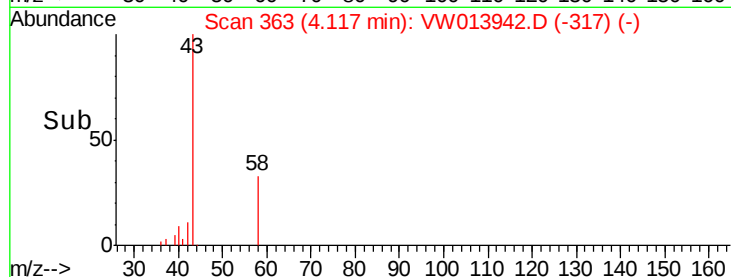
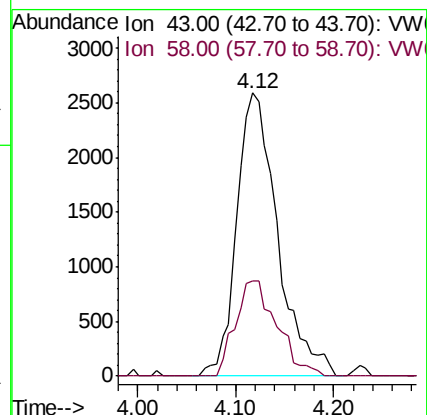
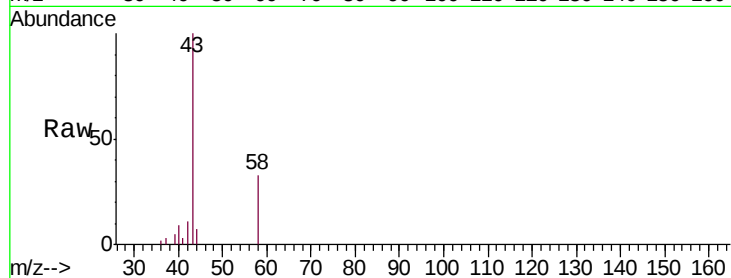
SB-17-(6-8)

Tgt Ion: 43 Resp: 7526

Ion Ratio Lower Upper

43 100

58 33.5 24.1 36.1



#17

Carbon Disulfide

Concen: 2.854 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW013942.D

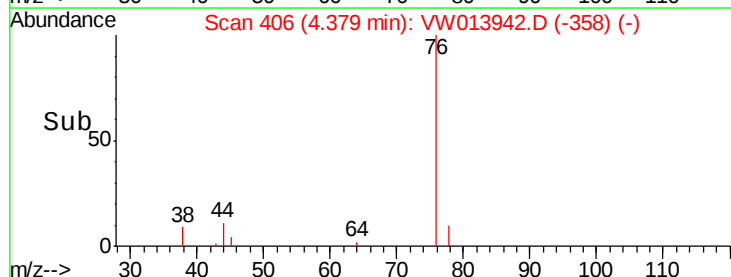
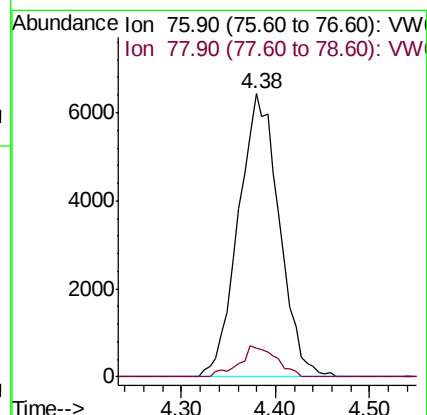
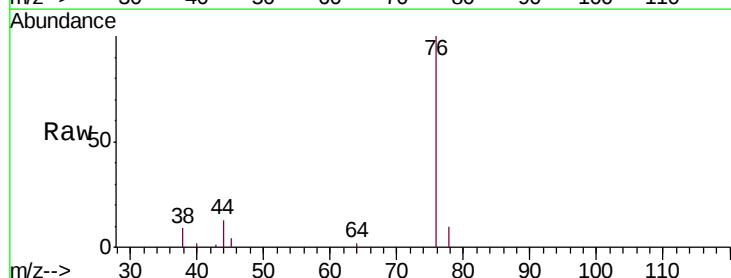
Acq: 08 Nov 2019 14:11

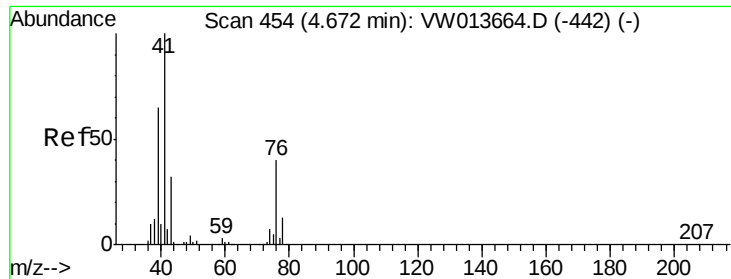
Tgt Ion: 76 Resp: 19476

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6

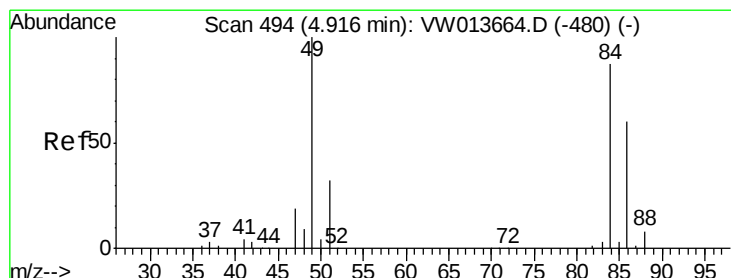
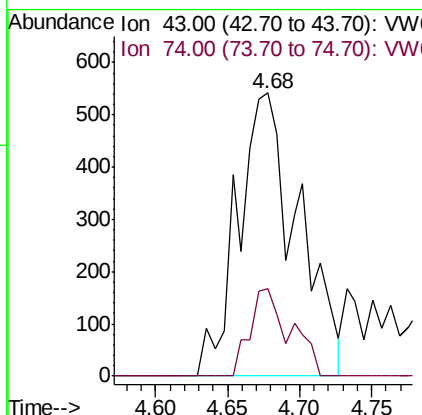
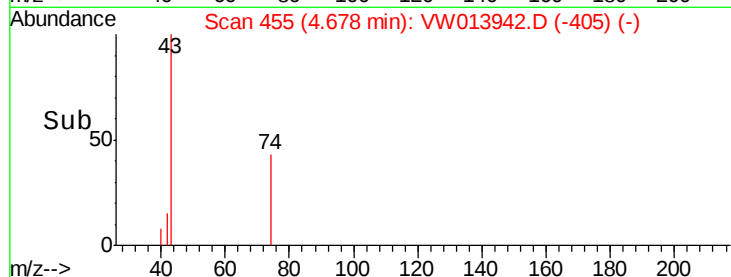
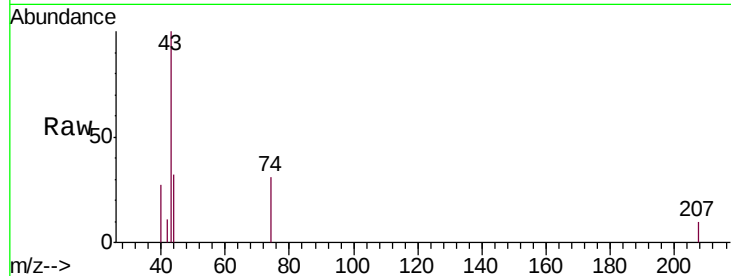




#18
Methyl Acetate
Concen: 1.369 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013942.D
Acq: 08 Nov 2019 14:11

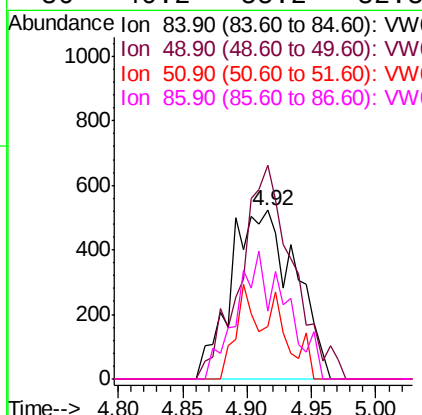
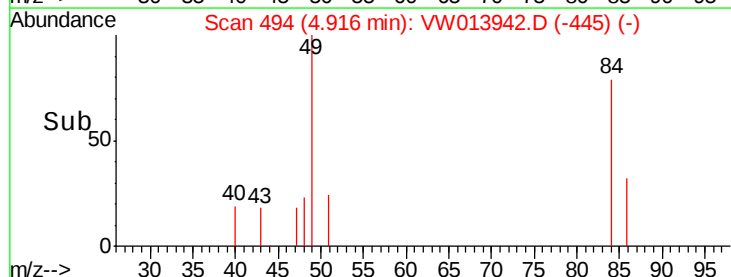
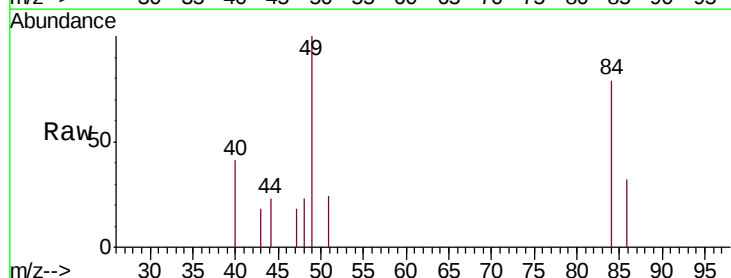
Instrument :
MSVOA_W
ClientSampleId :
SB-17-(6-8)

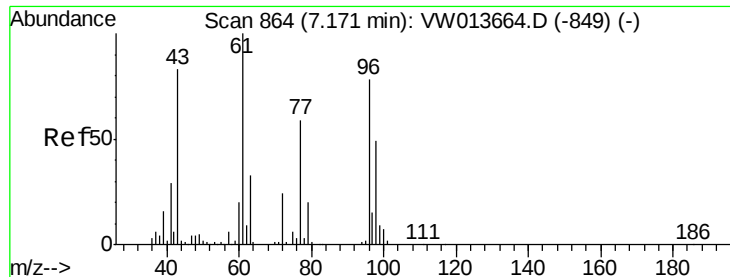
Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
74 20.7 19.8 29.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013942.D
Acq: 08 Nov 2019 14:11

Tgt Ion: 84 Resp: 1825
Ion Ratio Lower Upper
84 100
49 126.8 91.8 137.6
51 30.8 29.8 44.6
86 40.2 55.2 82.8#

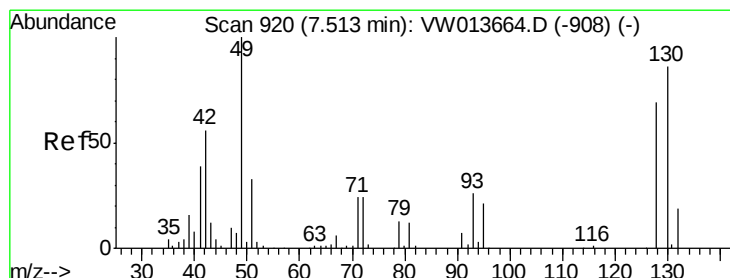
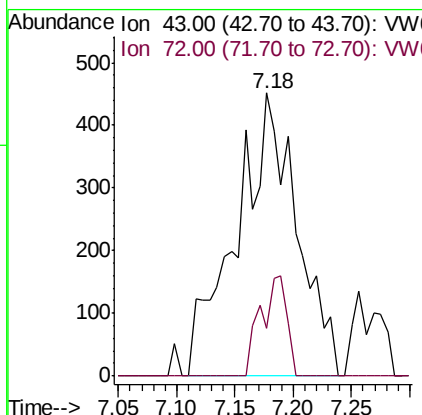
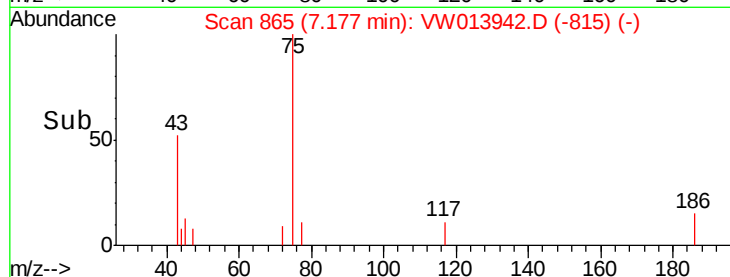
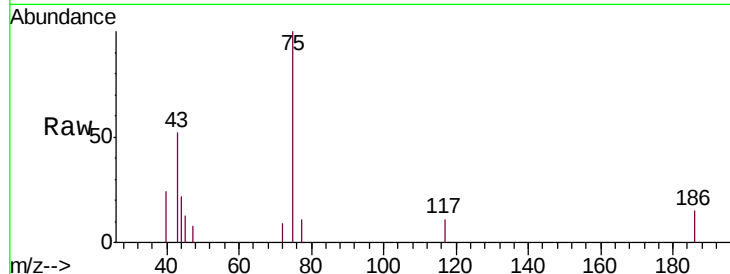




#25
2-Butanone
Concen: 2.697 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013942.D
Acq: 08 Nov 2019 14:11

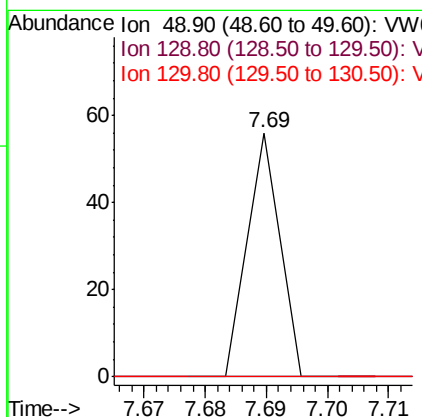
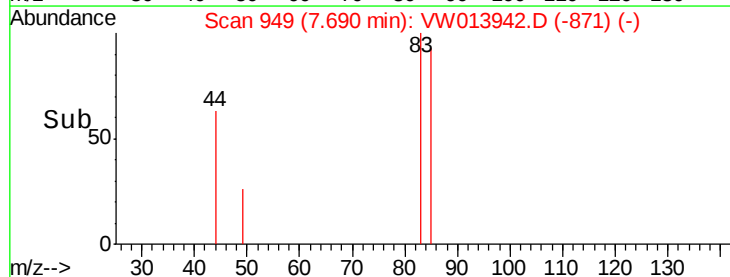
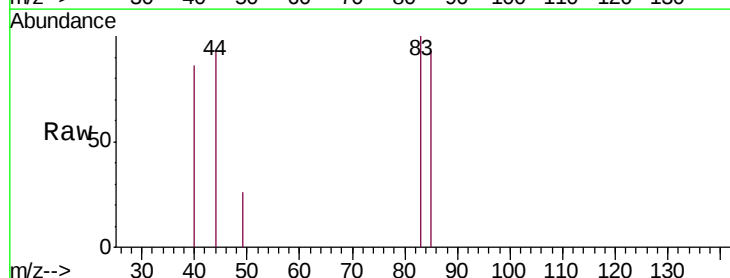
Instrument :
MSVOA_W
ClientSampleId :
SB-17-(6-8)

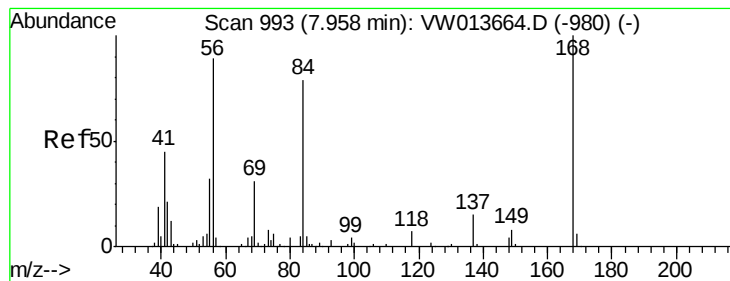
Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
72 16.6 23.6 35.4#



#28
Bromochloromethane
Concen: 1.353 ug/l
RT: 7.69 min Scan# 949
Delta R.T. 0.18 min
Lab File: VW013942.D
Acq: 08 Nov 2019 14:11

Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#





#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

Instrument :

MSVOA_W

ClientSampled :

SB-17-(6-8)

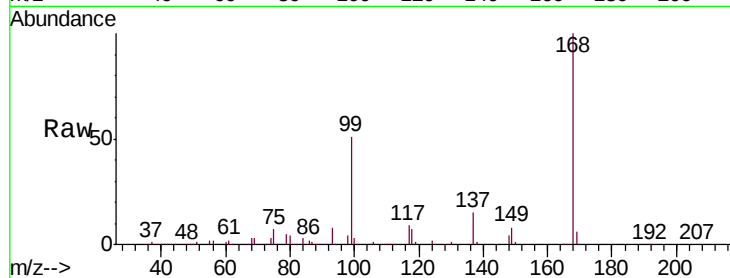
Tgt Ion: 56 Resp: 5395

Ion Ratio Lower Upper

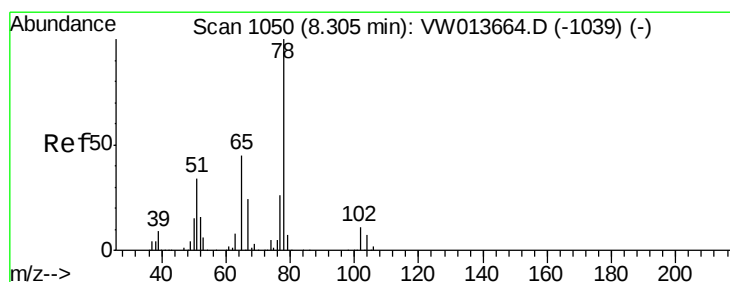
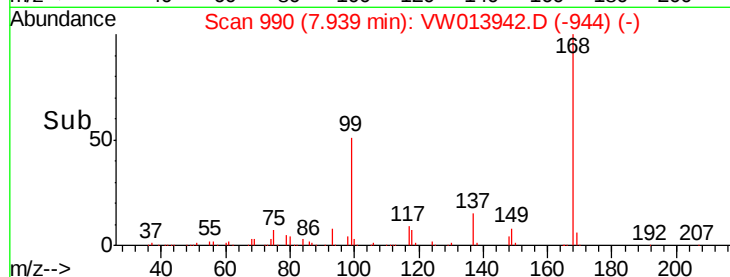
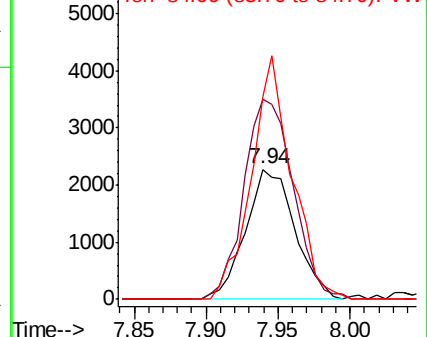
56 100

69 154.2 27.5 41.3#

84 156.5 70.8 106.2#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.068 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013942.D

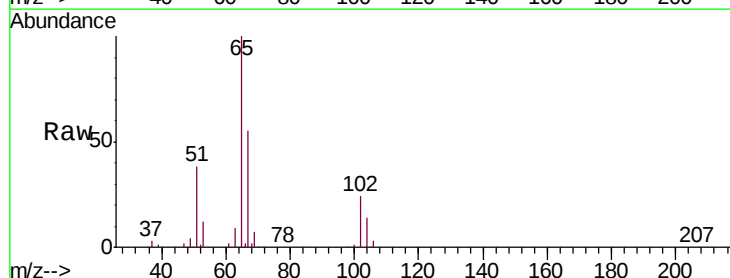
Acq: 08 Nov 2019 14:11

Tgt Ion: 65 Resp: 111437

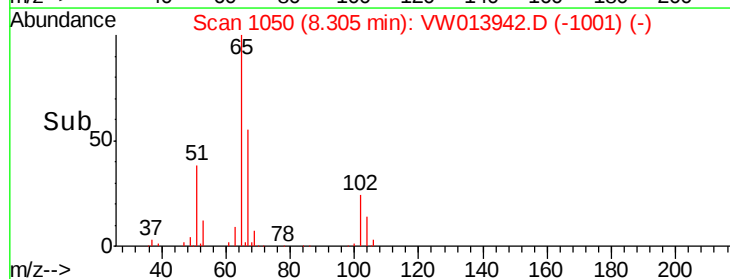
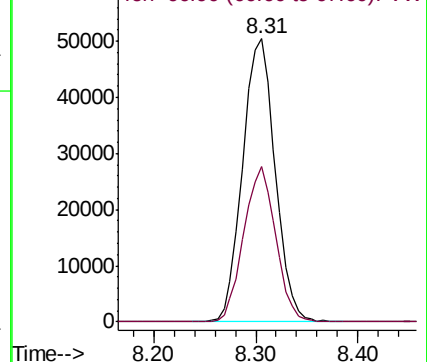
Ion Ratio Lower Upper

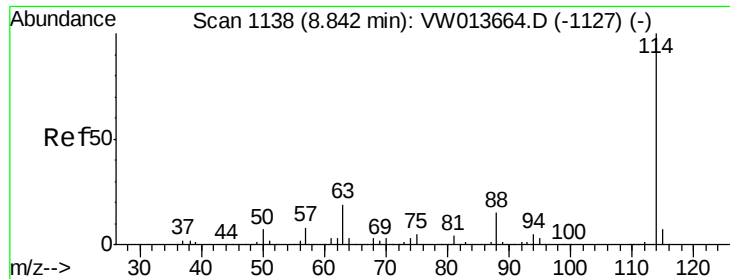
65 100

67 54.1 0.0 109.4



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

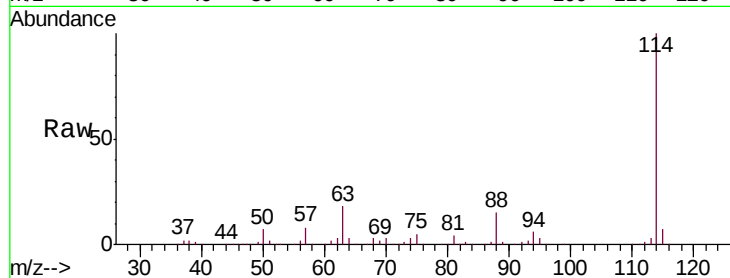




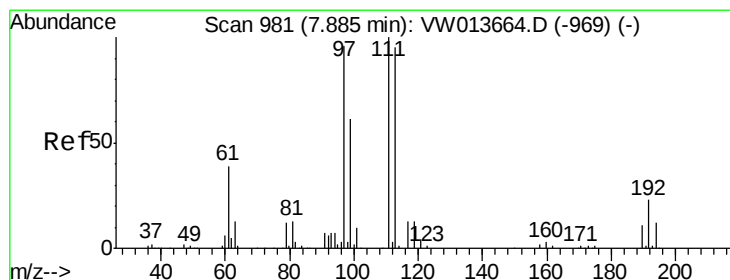
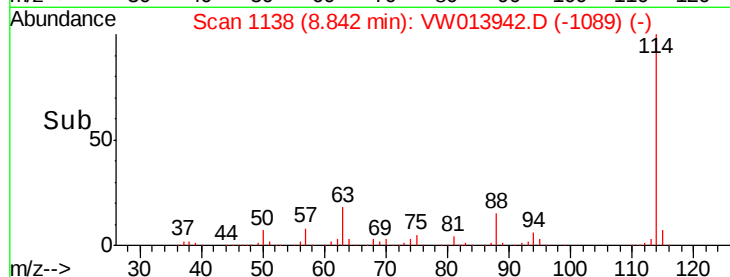
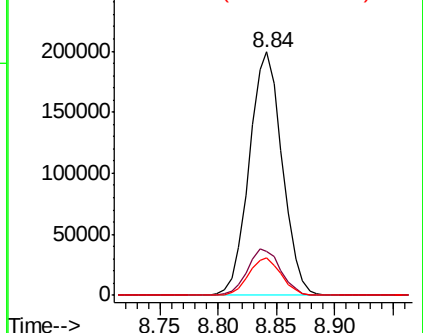
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013942.D
 Acq: 08 Nov 2019 14:11

Instrument :
 MSVOA_W
 ClientSampled :
 SB-17-(6-8)

Tgt Ion:114 Resp: 392559
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.6
 88 15.4 0.0 30.2

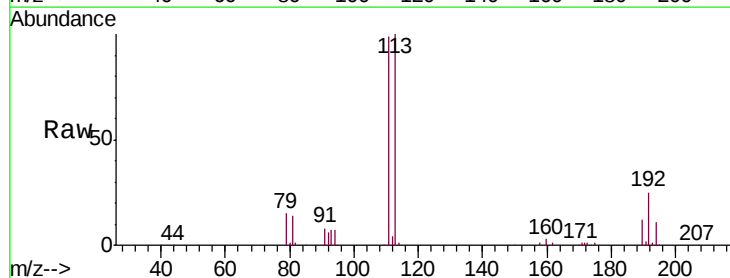


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

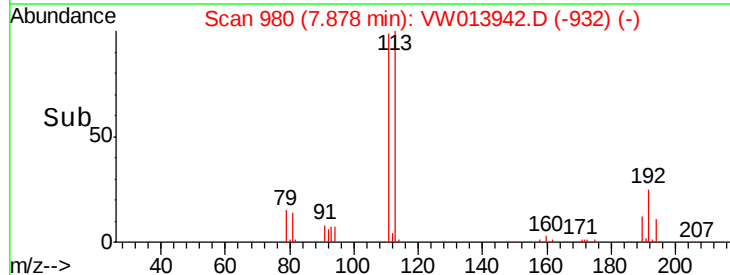
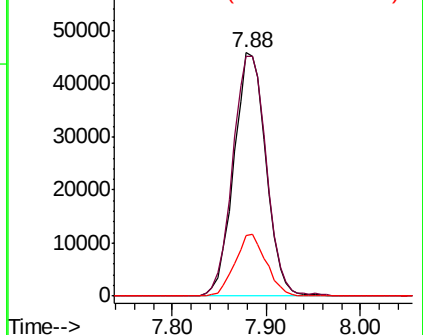


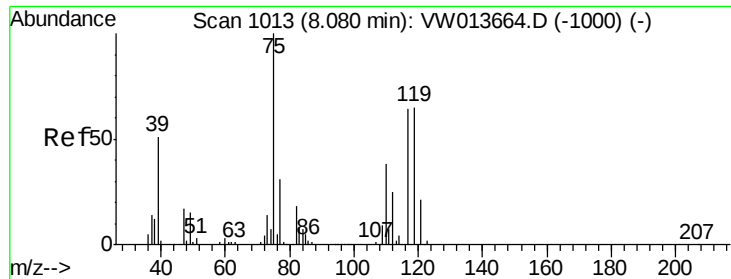
#35
 Dibromofluoromethane
 Concen: 49.864 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013942.D
 Acq: 08 Nov 2019 14:11

Tgt Ion:113 Resp: 108767
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.6
 192 24.7 19.4 29.2



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

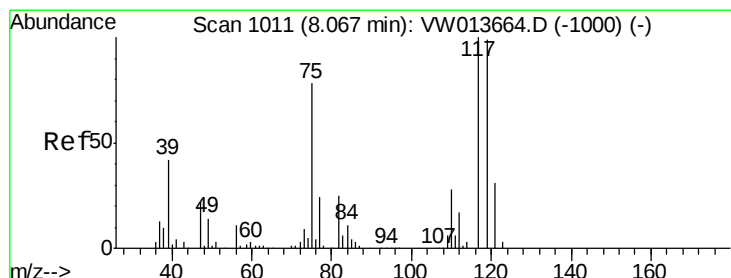
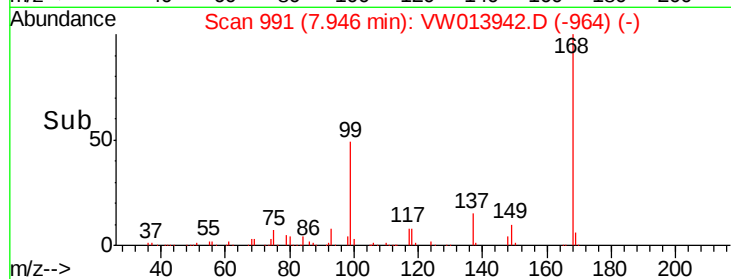
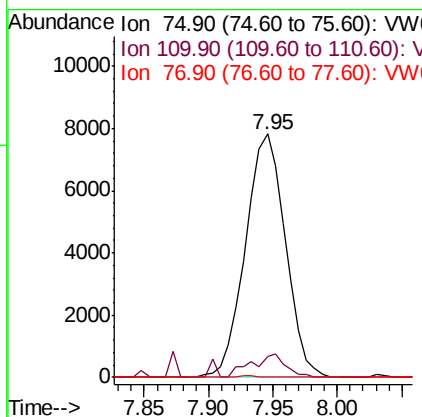
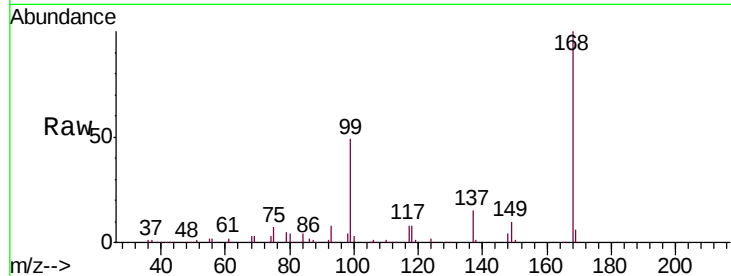




#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013942.D
 Acq: 08 Nov 2019 14:11

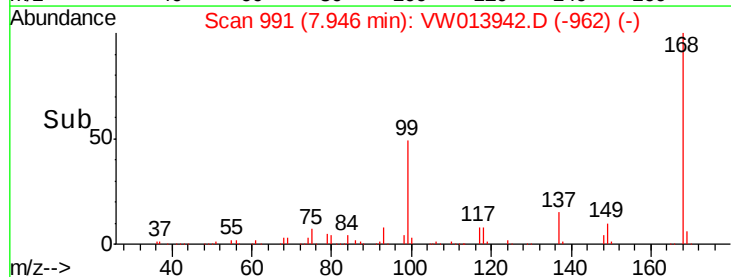
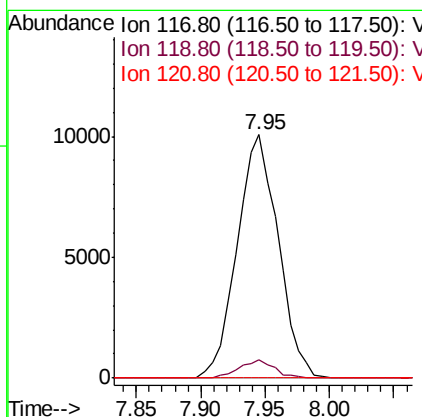
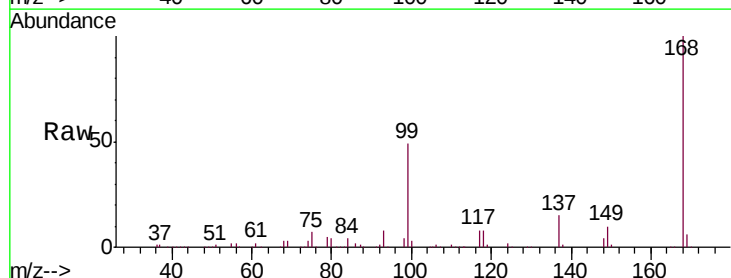
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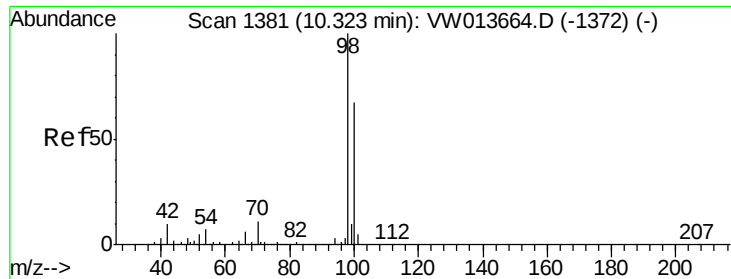
Tgt Ion: 75 Resp: 16741
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.7 56.1#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.736 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013942.D
 Acq: 08 Nov 2019 14:11

Tgt Ion: 117 Resp: 22176
 Ion Ratio Lower Upper
 117 100
 119 7.4 79.0 118.4#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.771 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

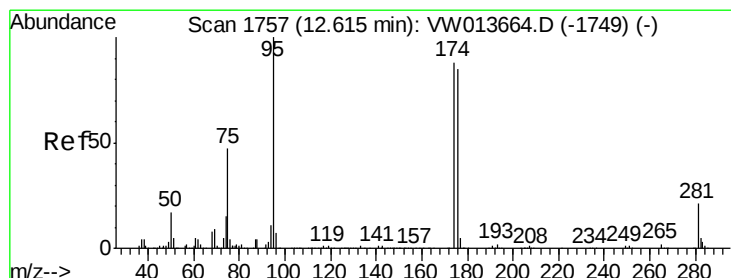
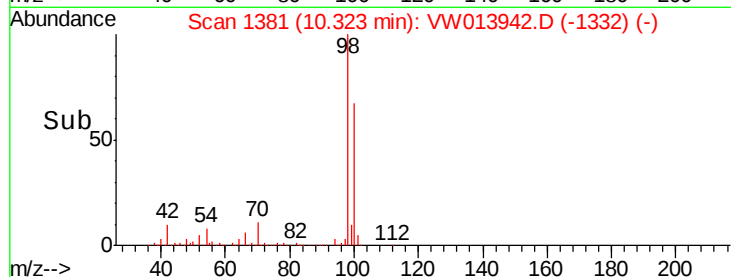
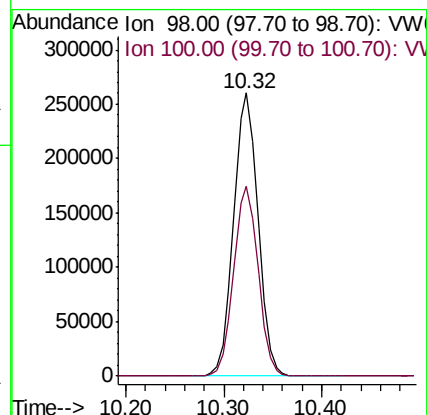
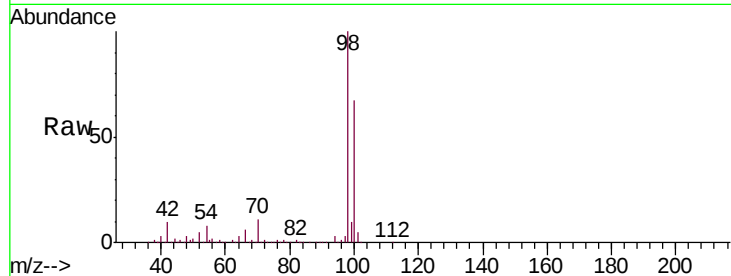
SB-17-(6-8)

Tgt Ion: 98 Resp: 451256

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.375 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

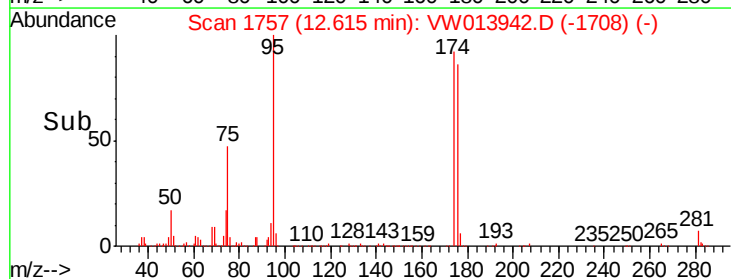
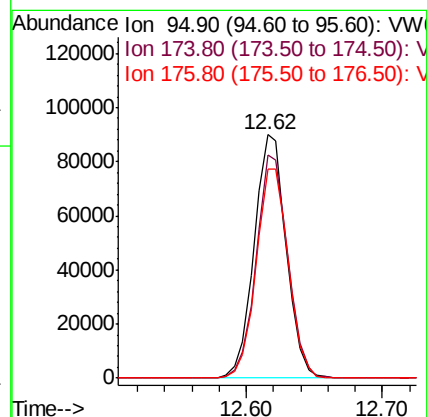
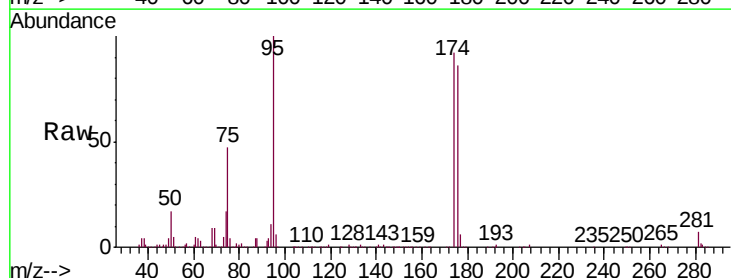
Tgt Ion: 95 Resp: 148597

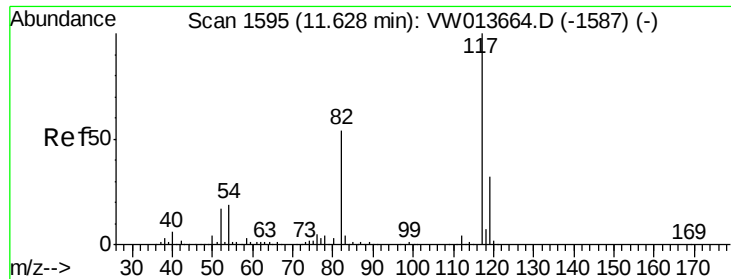
Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.6

176 86.3 0.0 178.0

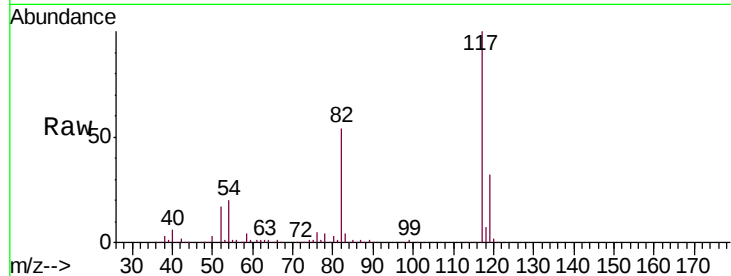




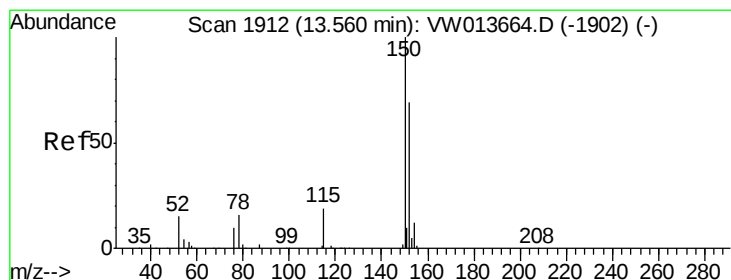
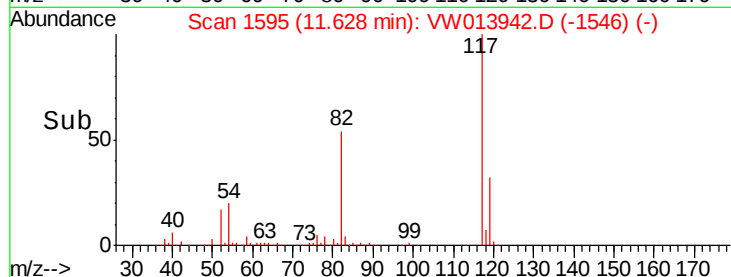
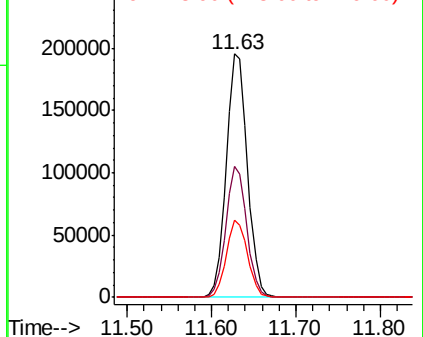
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013942.D
Acq: 08 Nov 2019 14:11

Instrument :
MSVOA_W
ClientSampleId :
SB-17-(6-8)

Tgt Ion:117 Resp: 335236
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 31.8 25.4 38.2

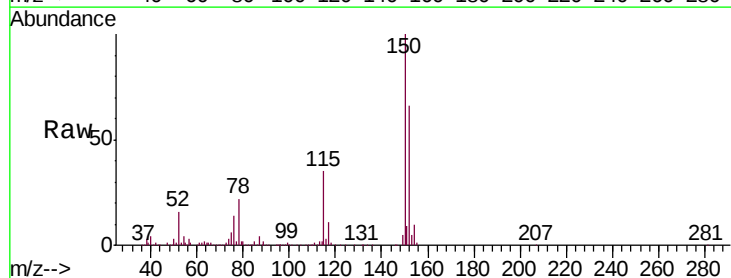


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

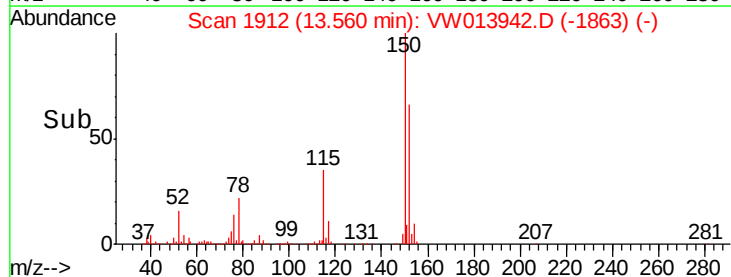
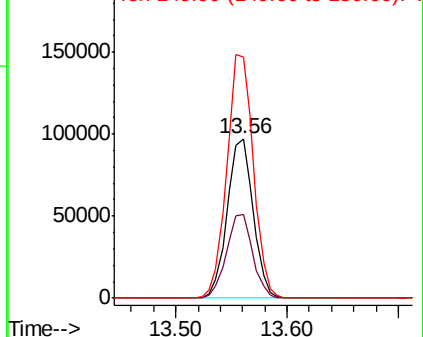


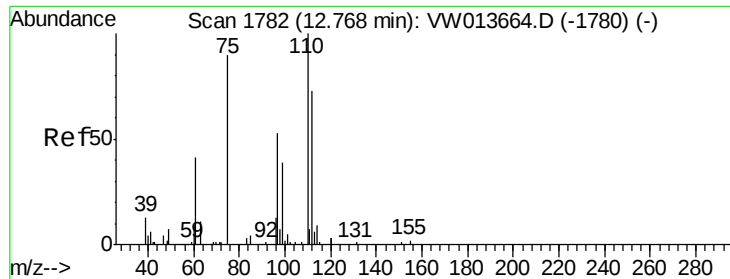
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013942.D
Acq: 08 Nov 2019 14:11

Tgt Ion:152 Resp: 156178
Ion Ratio Lower Upper
152 100
115 53.2 27.4 82.2
150 156.1 0.0 345.4



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: 61.591 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

Instrument :

MSVOA_W

ClientSampleId :

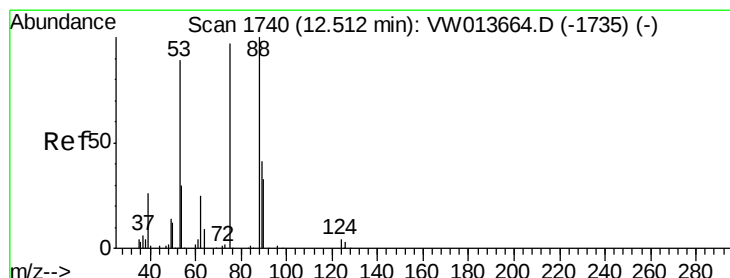
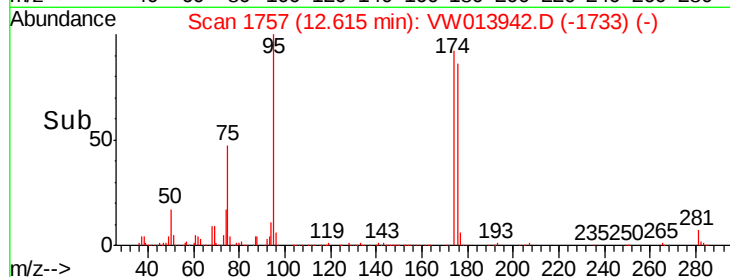
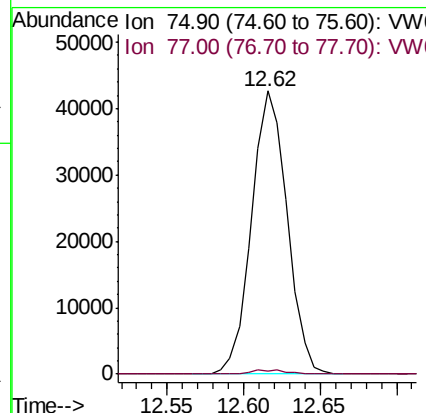
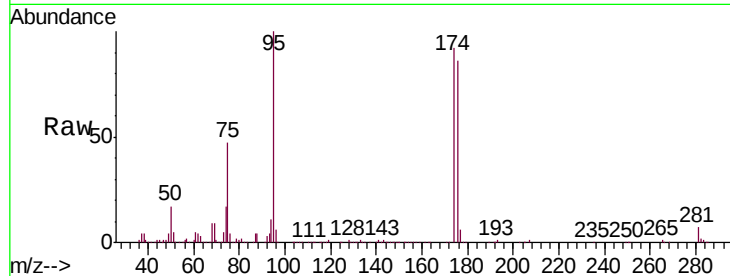
SB-17-(6-8)

Tgt Ion: 75 Resp: 69079

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.398 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013942.D

Acq: 08 Nov 2019 14:11

Tgt Ion: 75 Resp: 69079

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.2 35.8 53.8#

