

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004333.D
 Acq On : 30 Jul 2018 01:34
 Operator : SY/AP
 Sample : VW0730SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:36:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	143653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	104214	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	73586	50.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.56%	
35) Dibromofluoromethane	7.88	113	67270	47.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.40%	
50) Toluene-d8	10.33	98	252003	45.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.42%	
62) 4-Bromofluorobenzene	12.62	95	88001	44.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.68%	

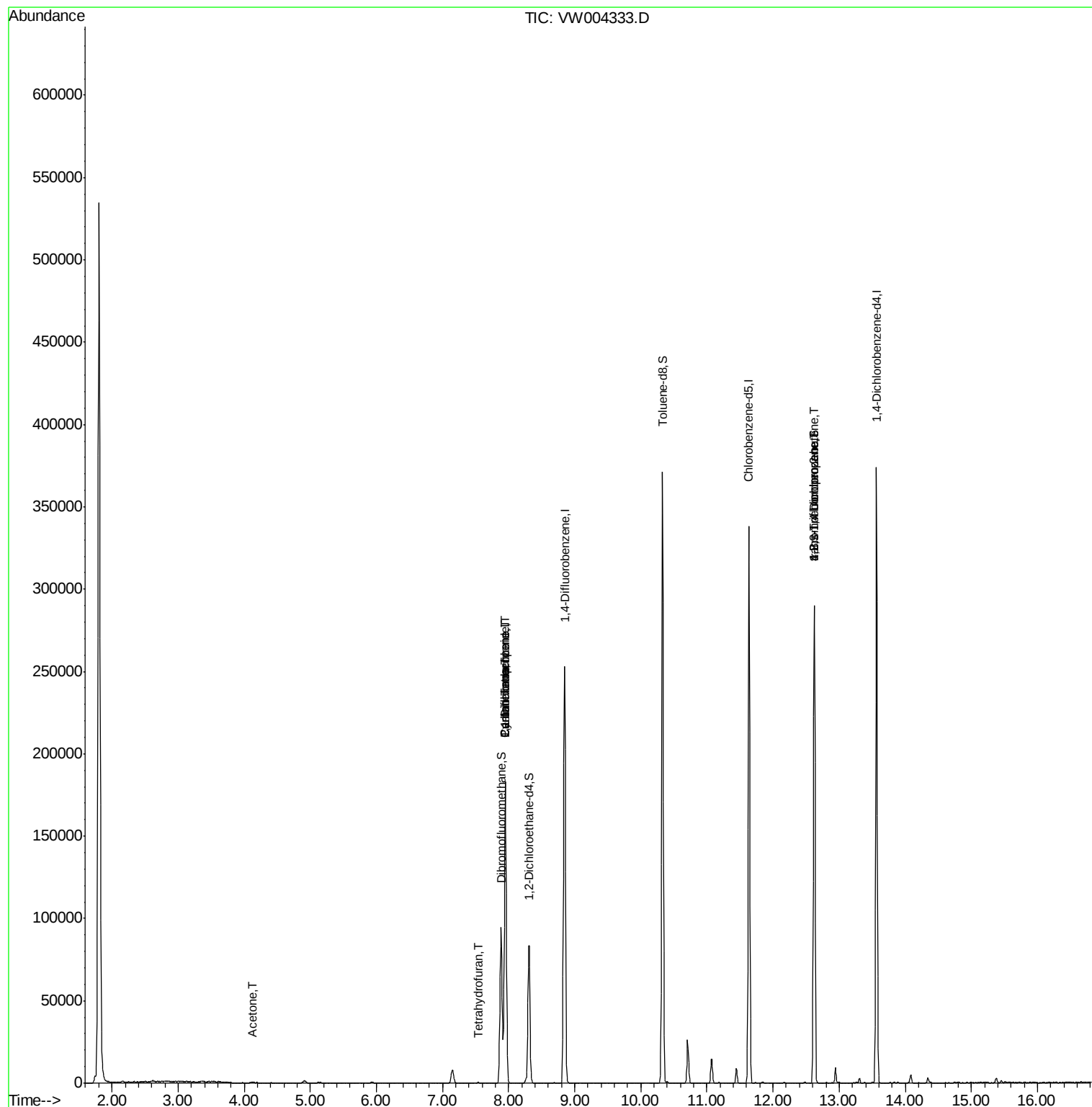
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	25	Below Cal	#	44
5) Bromomethane	2.62	94	25	Below Cal	#	4
11) Tert butyl alcohol	5.15	59	289	Below Cal	#	72
16) Acetone	4.13	43	1122	16.461	ug/l	94
20) Methylene Chloride	4.90	84	615	Below Cal	#	86
29) Tetrahydrofuran	7.54	42	261	3.590	ug/l	56
31) Cyclohexane	7.95	56	2637	1.066	ug/l	2
36) 1,1-Dichloropropene	7.95	75	9312	4.171	ug/l	50
38) Carbon Tetrachloride	7.95	117	13310	6.038	ug/l	15
76) 1,2,3-Trichloropropane	12.62	75	43055	45.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43055	105.333	ug/l	11

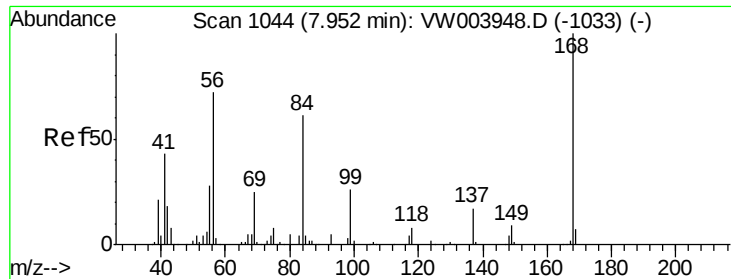
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
Data File : VW004333.D
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Operator : SY/AP
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 04:36:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004333.D

Acq: 30 Jul 2018 01:34

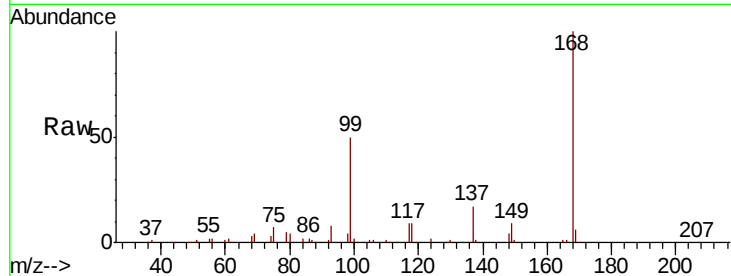
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 143653

Ion Ratio Lower Upper

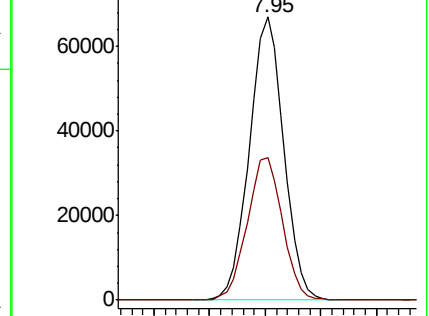
168 100

99 50.3 45.0 67.4

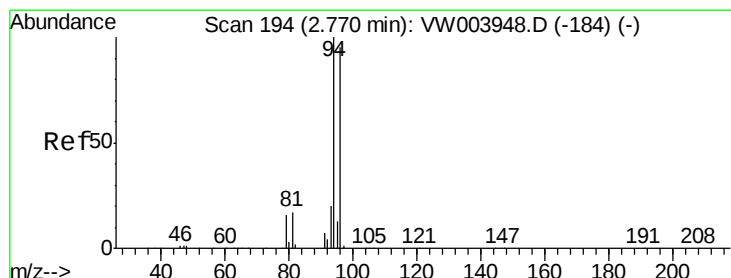
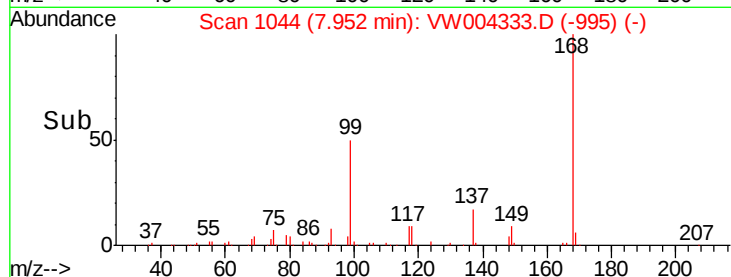


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.62 min Scan# 170

Delta R.T. -0.15 min

Lab File: VW004333.D

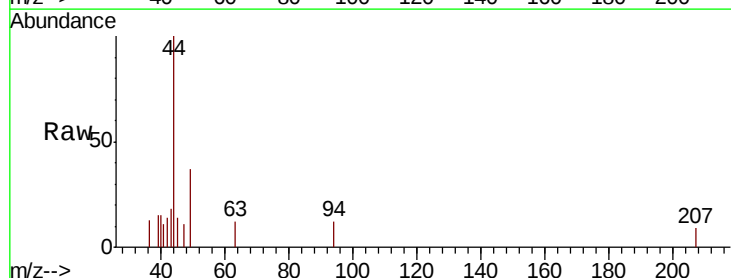
Acq: 30 Jul 2018 01:34

Tgt Ion: 94 Resp: 25

Ion Ratio Lower Upper

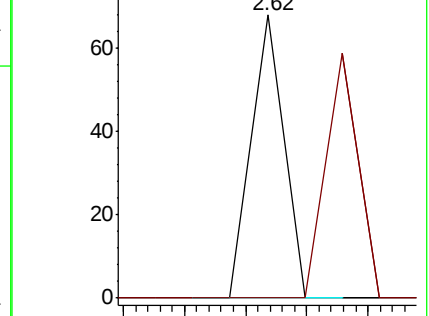
94 100

96 0.0 73.3 109.9#

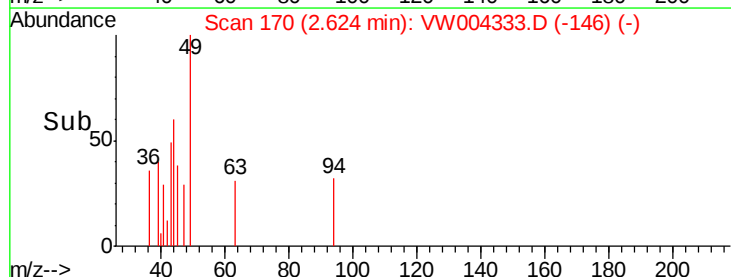


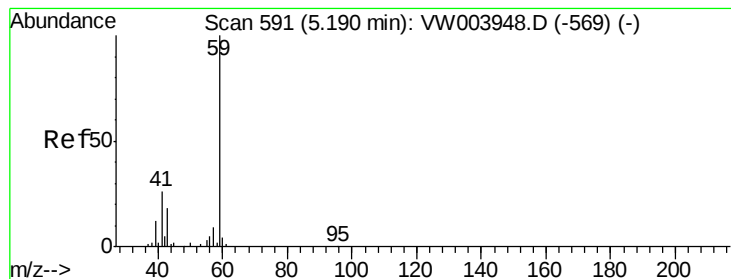
Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



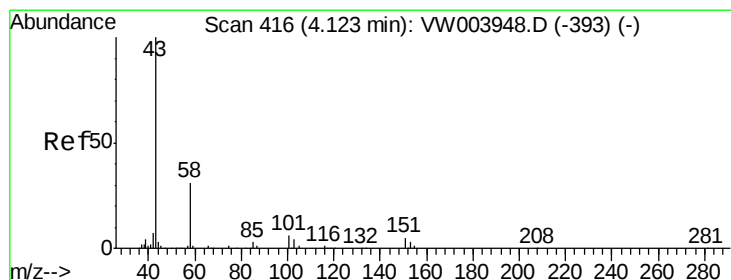
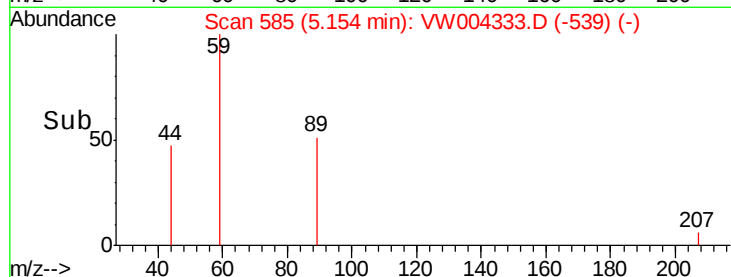
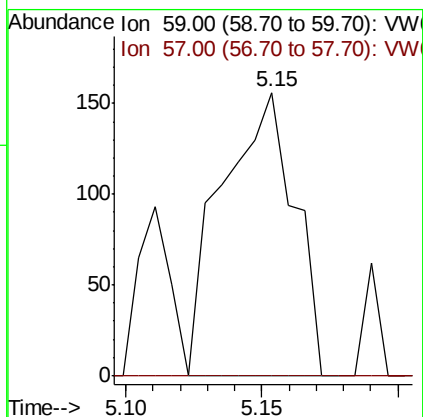
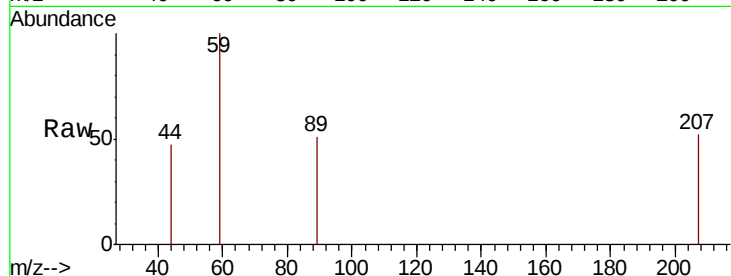


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.15 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: VW004333.D
 Acq: 30 Jul 2018 01:34

Instrument :
 MSVOA_W
 ClientSampled :

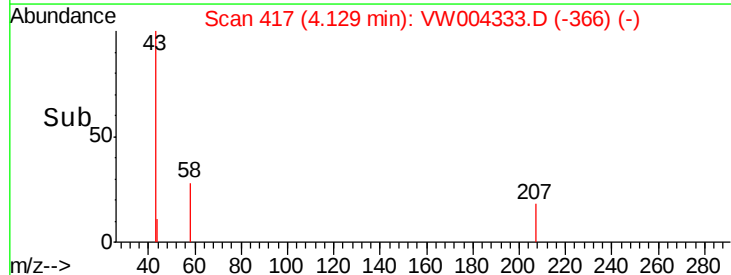
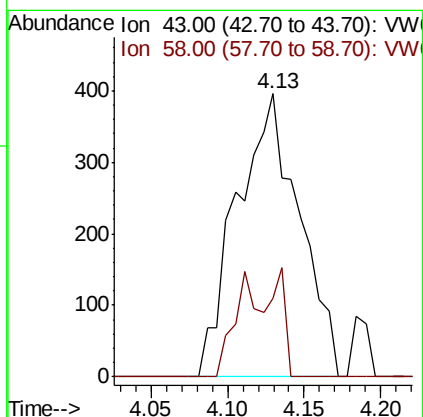
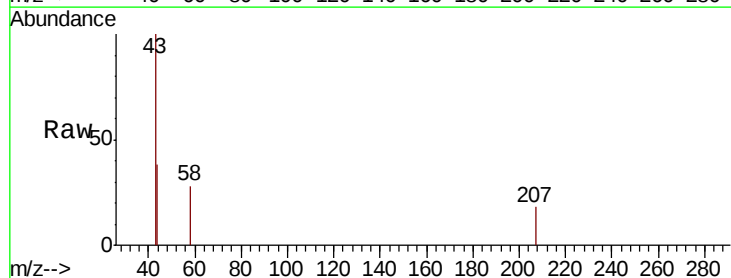
Tot Ion: 59 Resp: 289
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

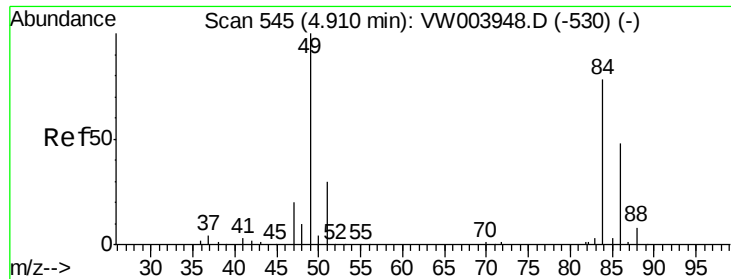


#16

Acetone
 Concen: 16.461 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VW004333.D
 Acq: 30 Jul 2018 01:34

Tgt Ion: 43 Resp: 1122
 Ion Ratio Lower Upper
 43 100
 58 27.5 24.8 37.2

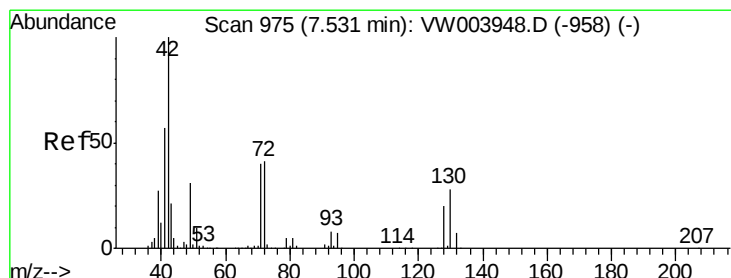
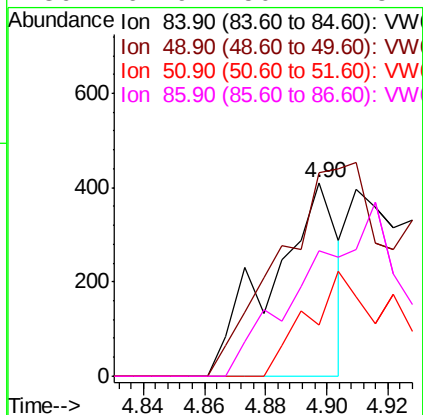
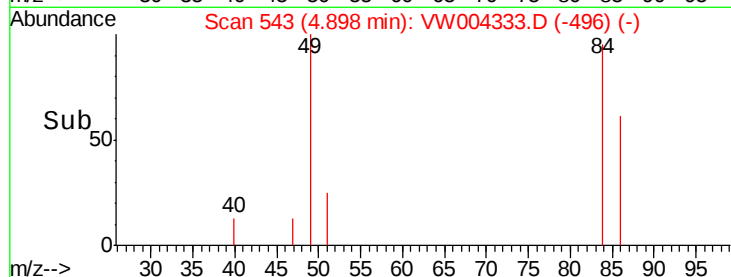
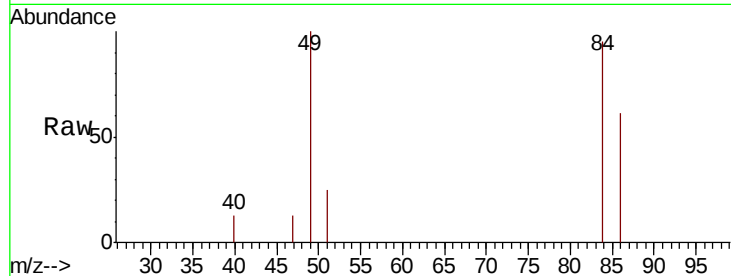




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW004333.D
Acq: 30 Jul 2018 01:34

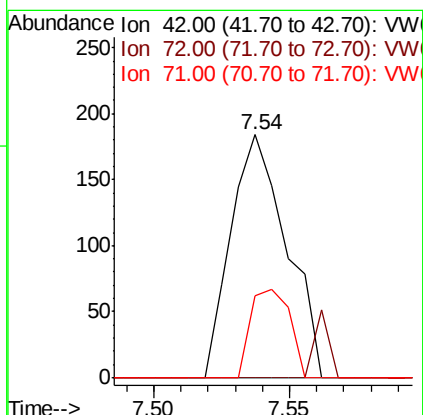
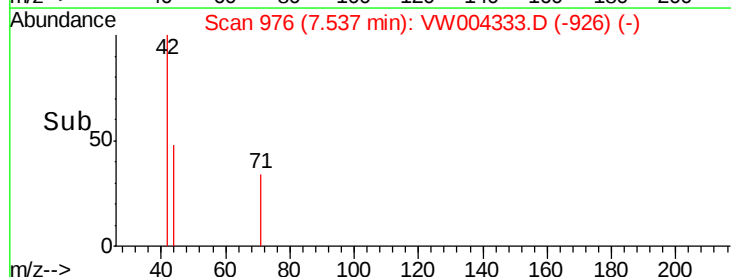
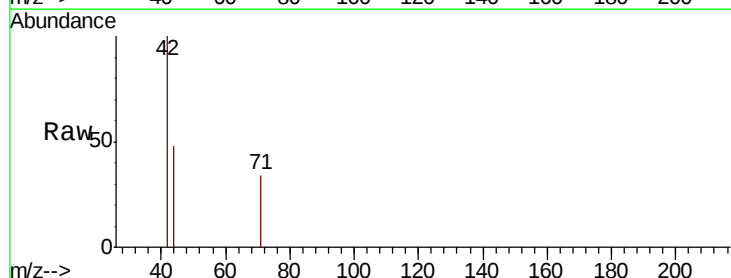
Instrument :
MSVOA_W
ClientSampled :

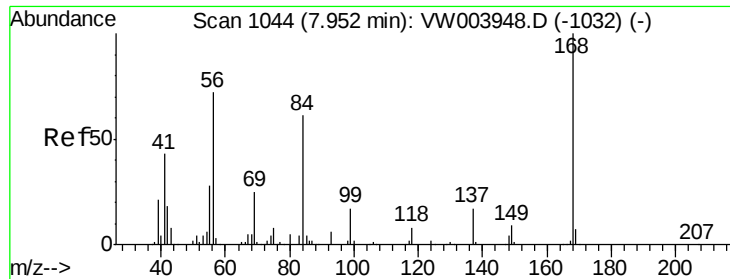
Tot Ion: 84 Resp: 615
Ion Ratio Lower Upper
84 100
49 105.6 100.5 150.7
51 26.3 30.9 46.3#
86 64.9 50.2 75.4



#29
Tetrahydrofuran
Concen: 3.590 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004333.D
Acq: 30 Jul 2018 01:34

Tgt Ion: 42 Resp: 261
Ion Ratio Lower Upper
42 100
72 0.0 32.6 48.8#
71 25.7 31.3 46.9#

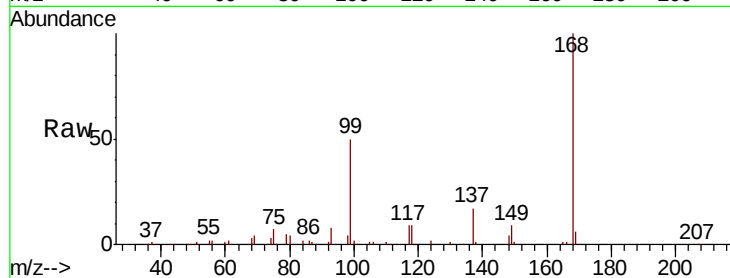




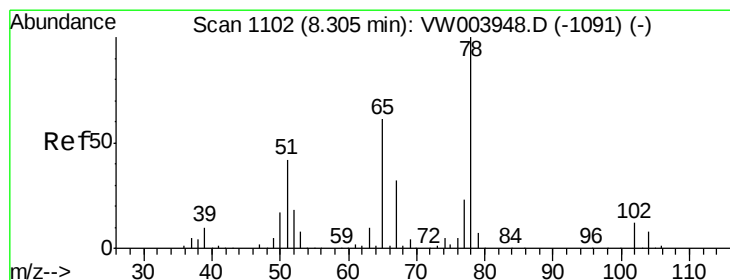
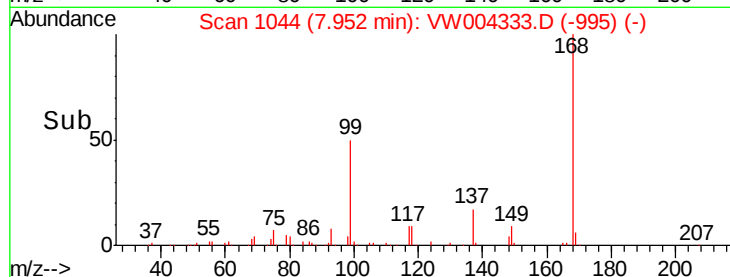
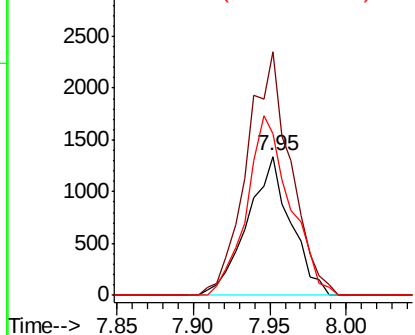
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004333.D
Acq: 30 Jul 2018 01:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2637
Ion Ratio Lower Upper
56 100
69 175.3 26.3 39.5#
84 116.2 66.2 99.4#

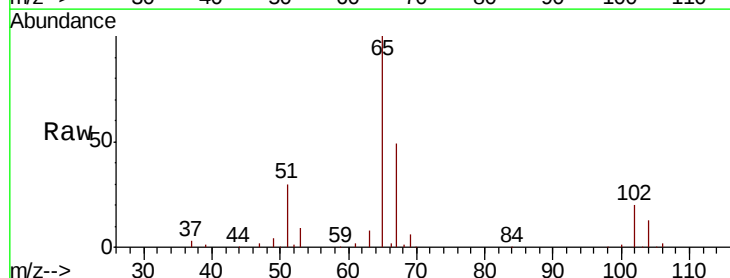


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

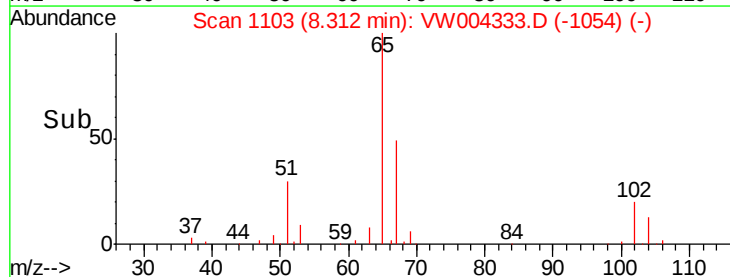
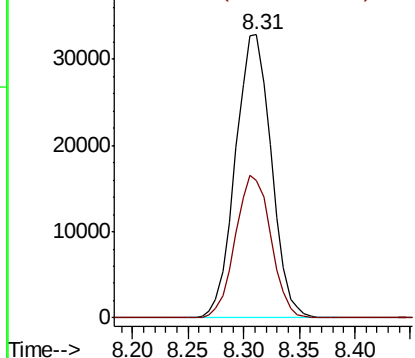


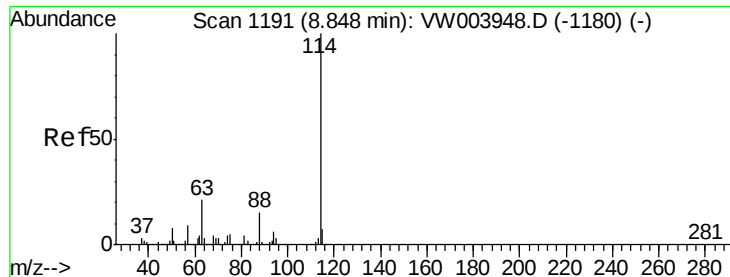
#33
1,2-Dichloroethane-d4
Concen: 50.782 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004333.D
Acq: 30 Jul 2018 01:34

Tgt Ion: 65 Resp: 73586
Ion Ratio Lower Upper
65 100
67 49.8 0.0 106.4



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

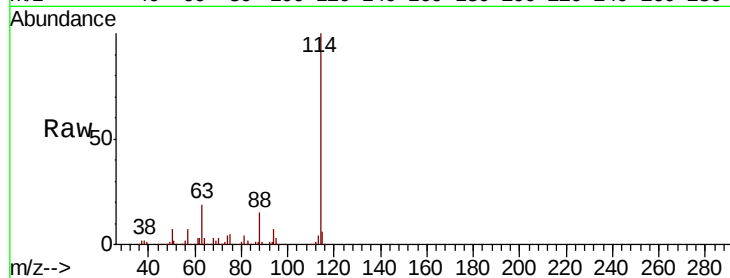




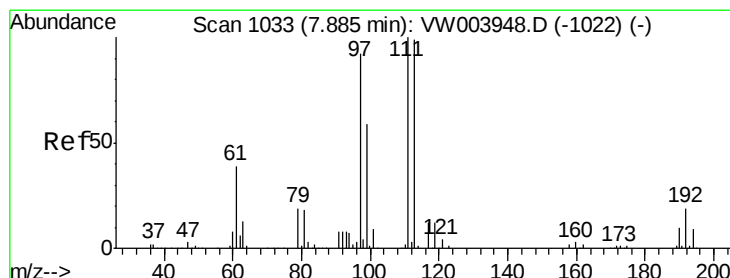
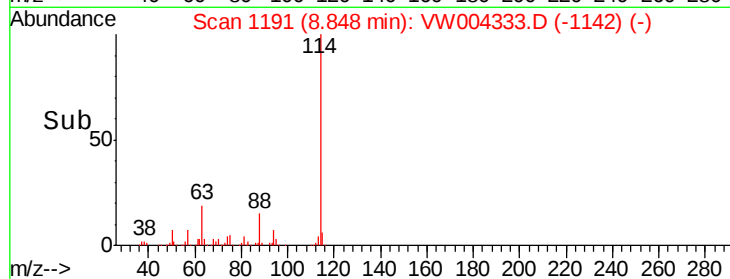
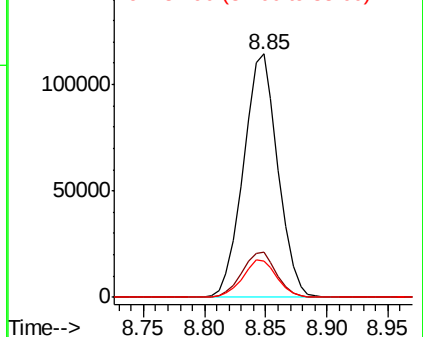
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004333.D
 Acq: 30 Jul 2018 01:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	41.4
88	15.1	0.0	30.6

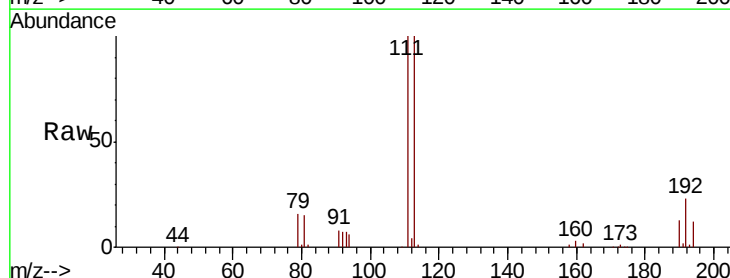


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

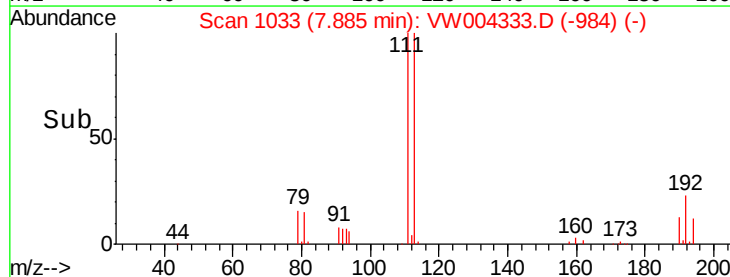
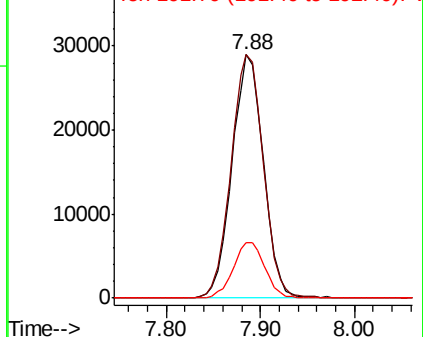


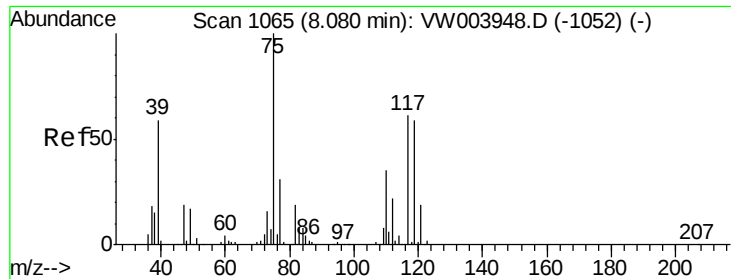
#35
 Dibromofluoromethane
 Concen: 47.698 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004333.D
 Acq: 30 Jul 2018 01:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	23.0	16.2	24.4



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: 4.171 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004333.D

Acq: 30 Jul 2018 01:34

Instrument :

MSVOA_W

ClientSampled :

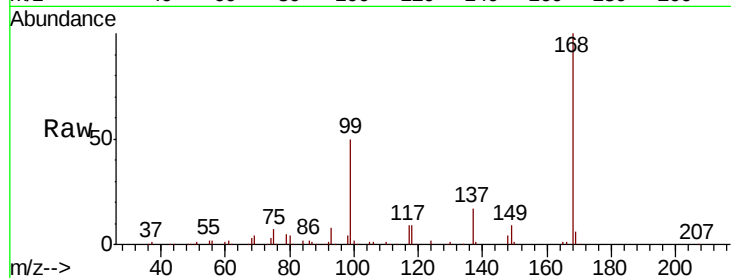
Tot Ion: 75 Resp: 9312

Ion Ratio Lower Upper

75 100

110 9.3 17.3 52.0#

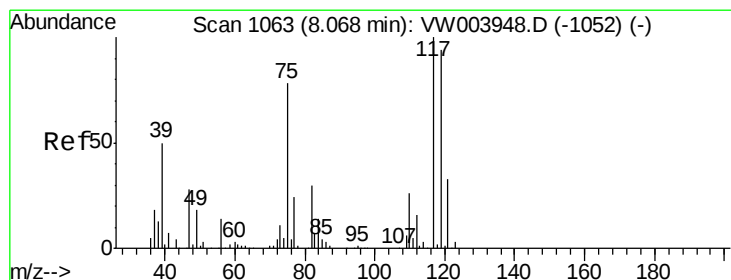
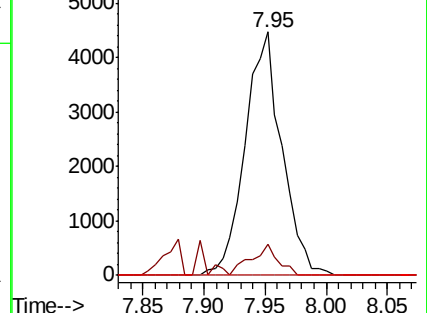
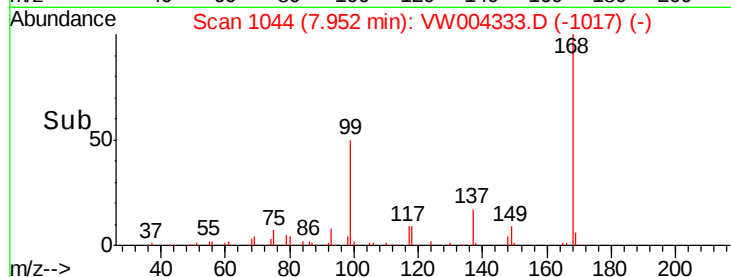
77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004333.D

Acq: 30 Jul 2018 01:34

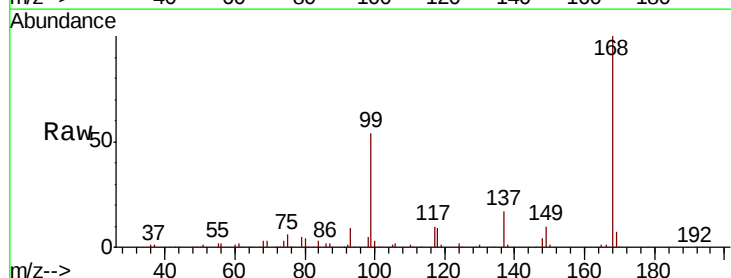
Tgt Ion: 117 Resp: 13310

Ion Ratio Lower Upper

117 100

119 6.2 79.7 119.5#

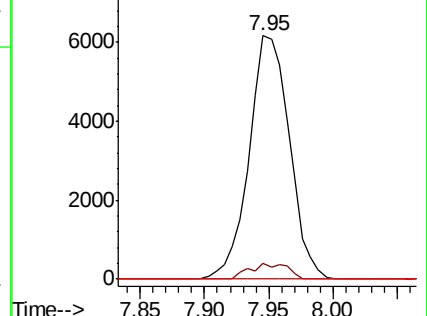
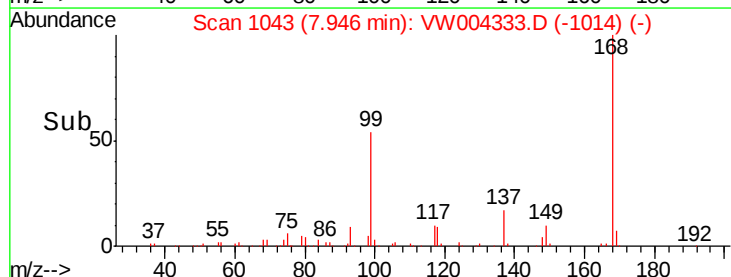
121 0.0 25.7 38.5#

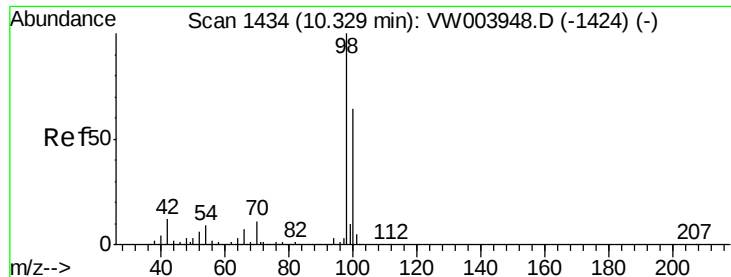


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 45.212 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004333.D

Acq: 30 Jul 2018 01:34

Instrument :

MSVOA_W

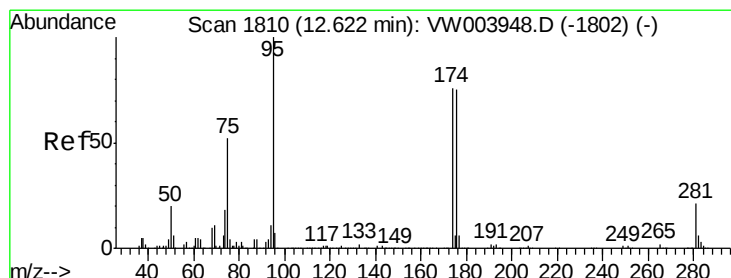
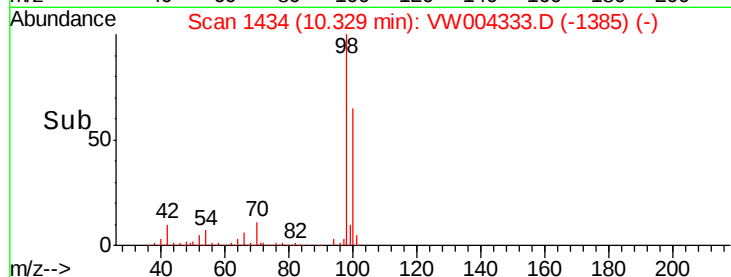
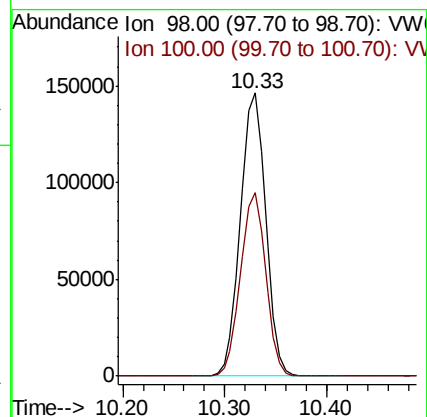
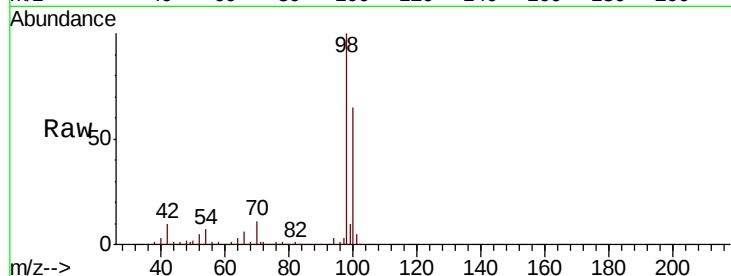
ClientSampleId :

Tot Ion: 98 Resp: 252003

Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.841 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004333.D

Acq: 30 Jul 2018 01:34

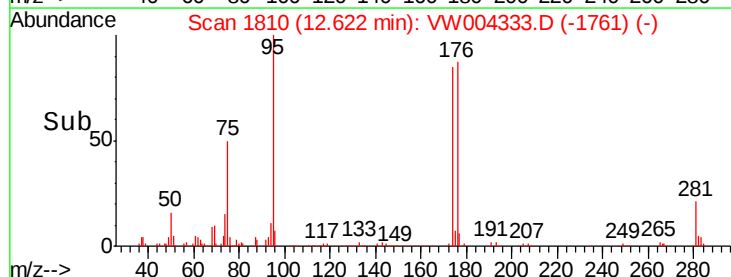
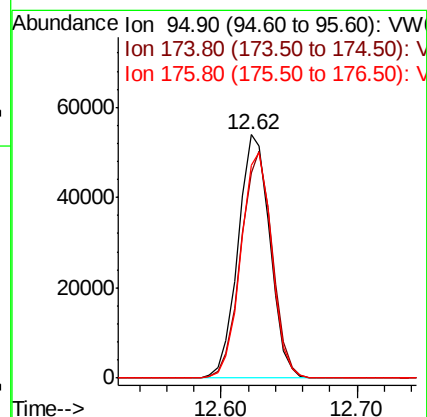
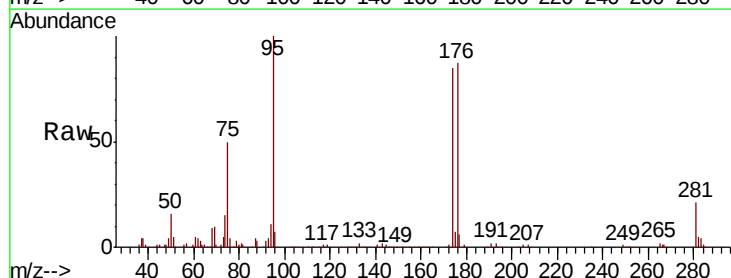
Tgt Ion: 95 Resp: 88001

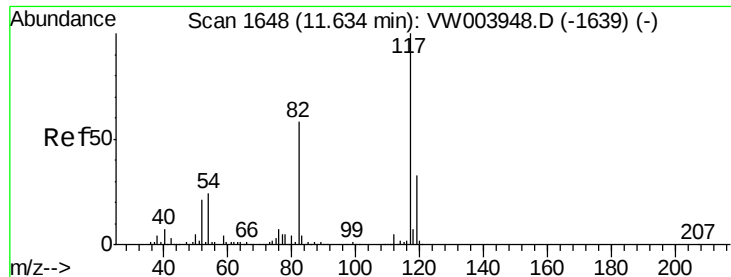
Ion Ratio Lower Upper

95 100

174 91.7 0.0 167.8

176 89.8 0.0 162.4

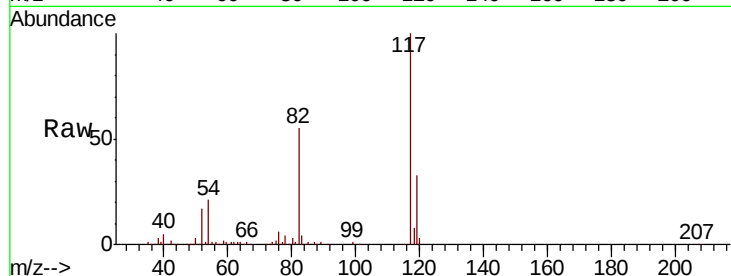




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004333.D
Acq: 30 Jul 2018 01:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.9	71.9
119	33.5	27.1	40.7

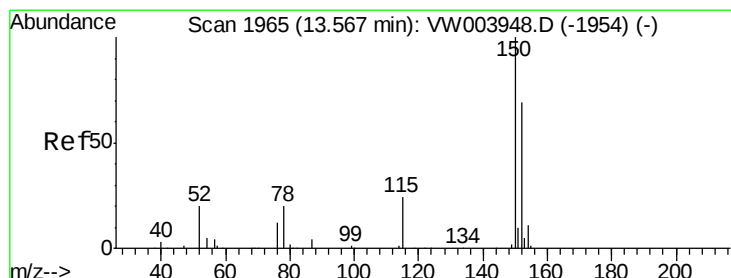
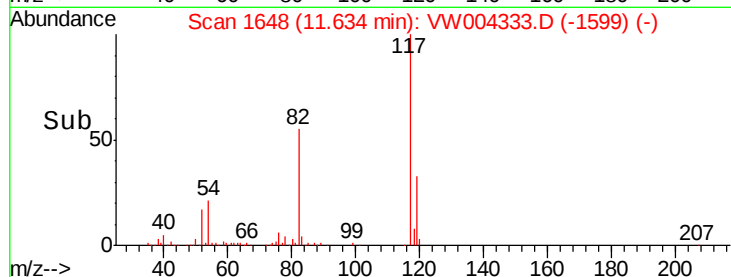
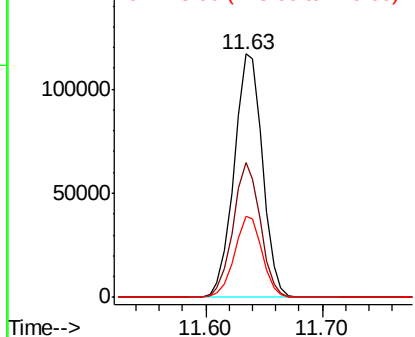


Abundance

Ion 116.90 (116.60 to 117.60): V

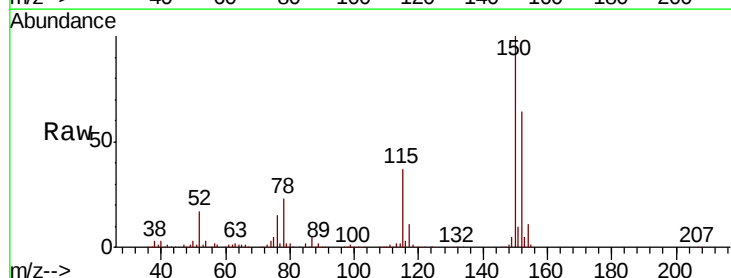
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004333.D
Acq: 30 Jul 2018 01:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.8	86.4
150	157.5	0.0	346.4

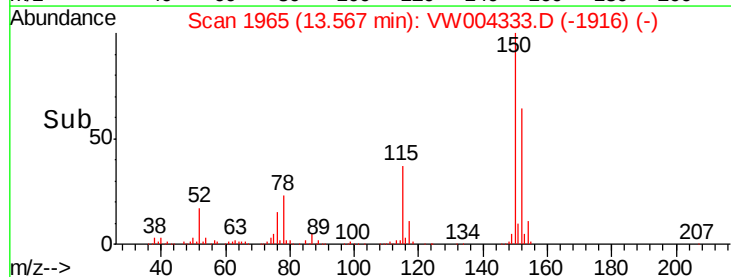
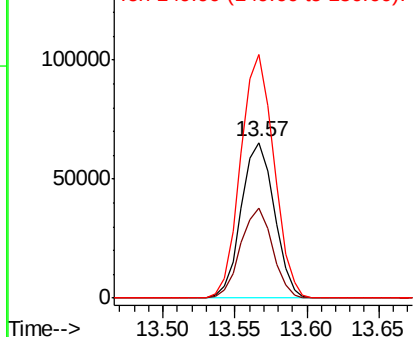


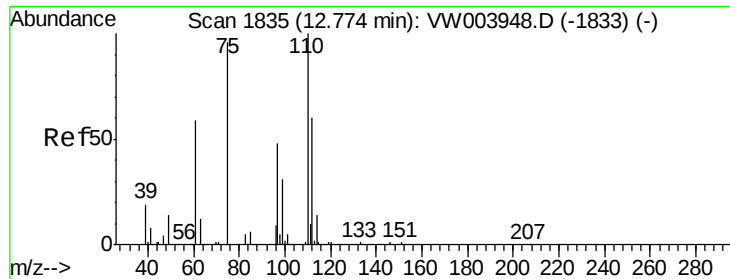
Abundance

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

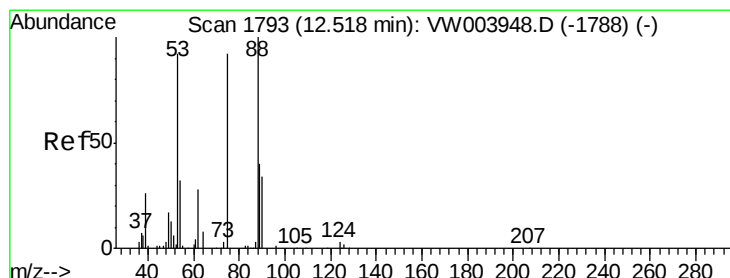
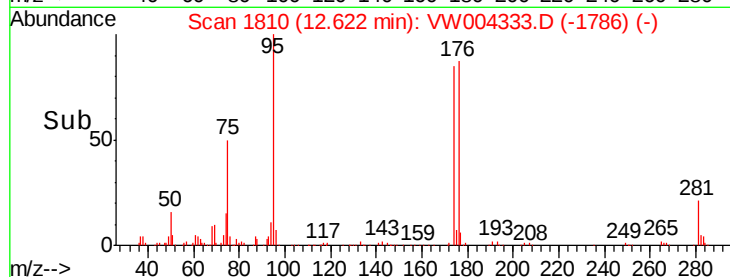
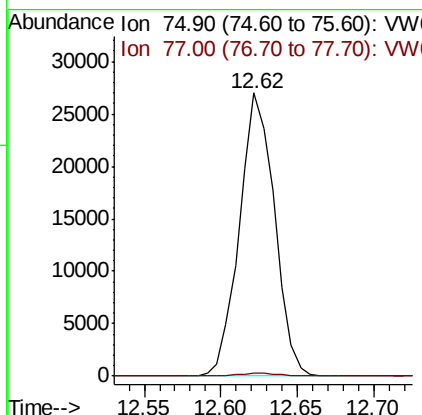
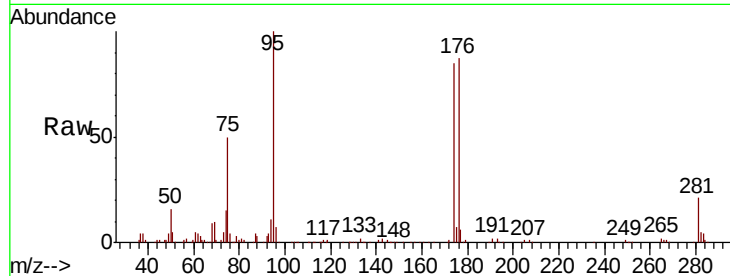




#76
 1,2,3-Trichloropropane
 Concen: 45.268 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004333.D
 Acq: 30 Jul 2018 01:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 43055
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.333 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004333.D
 Acq: 30 Jul 2018 01:34

Tgt Ion: 75 Resp: 43055
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.6 116.4#
 89 0.0 36.0 54.0#

