

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007303.D
 Acq On : 07 Dec 2018 01:57
 Operator : SY/AP
 Sample : J6260-04
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 07 03:05:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	138598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46810	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	34419	43.25	ug/l	0.00
Spiked Amount			Recovery	=	86.50%	
35) Dibromofluoromethane	7.88	113	32397	40.82	ug/l	0.00
Spiked Amount			Recovery	=	81.64%	
50) Toluene-d8	10.32	98	124083	35.49	ug/l	0.00
Spiked Amount			Recovery	=	70.98%	
62) 4-Bromofluorobenzene	12.62	95	41843	31.71	ug/l	0.00
Spiked Amount			Recovery	=	63.42%	

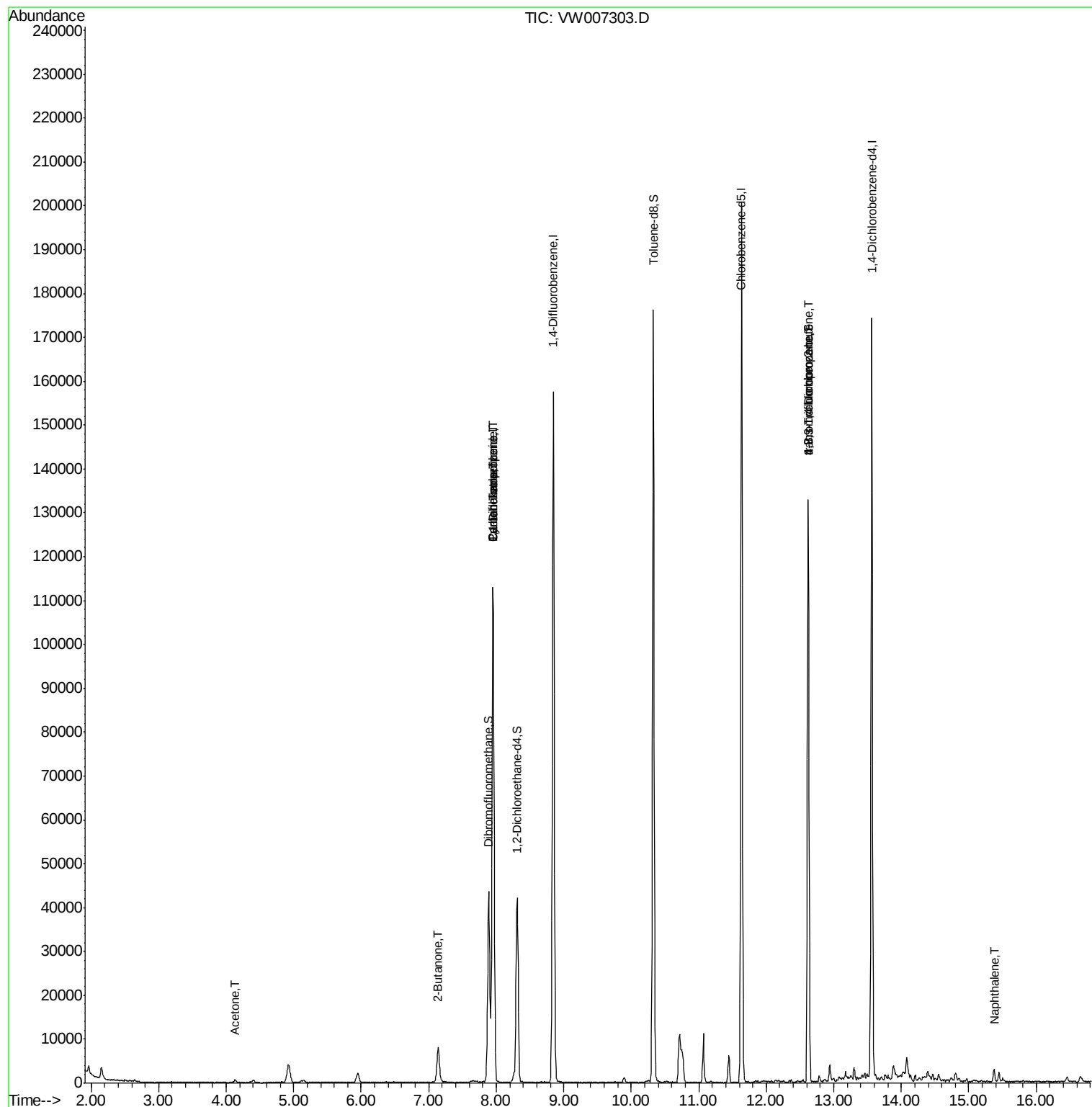
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	700	Below Cal	#	75
16) Acetone	4.13	43	1153	6.120	ug/l #	81
20) Methylene Chloride	4.92	84	3623	Below Cal	#	90
25) 2-Butanone	7.14	43	460	2.106	ug/l #	46
31) Cyclohexane	7.95	56	1604	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6551	4.858	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8738	6.348	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	20951	57.803	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20951	124.586	ug/l #	13
95) Naphthalene	15.37	128	2760	1.522	ug/l	98

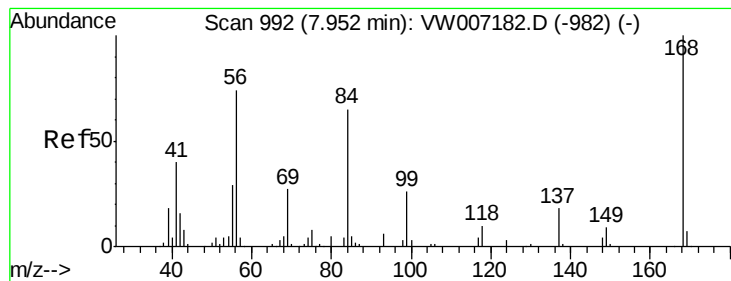
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007303.D
Acq On : 07 Dec 2018 01:57
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Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 07 03:05:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007303.D

Acq: 07 Dec 2018 01:57

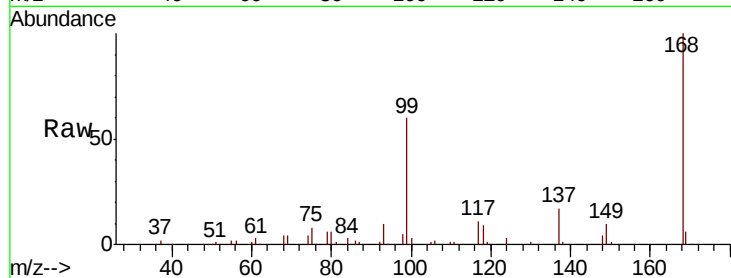
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 85472

Ion Ratio Lower Upper

168 100

99 60.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

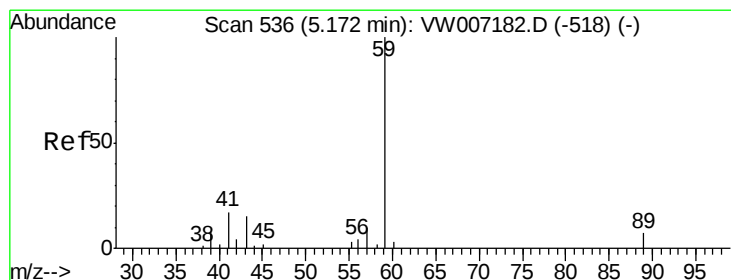
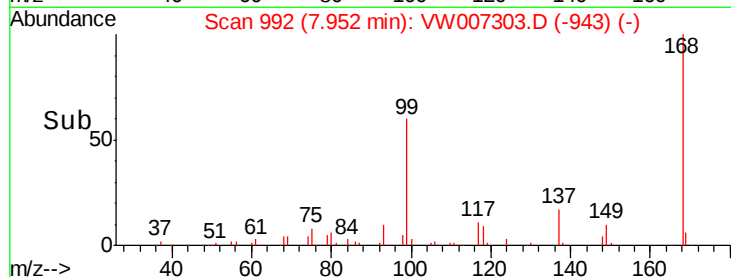
20000

10000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW007303.D

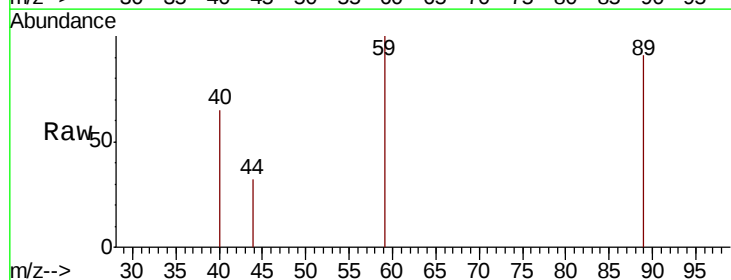
Acq: 07 Dec 2018 01:57

Tgt Ion: 59 Resp: 700

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

250

200

150

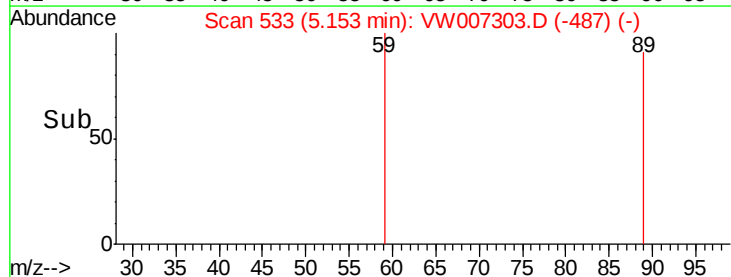
100

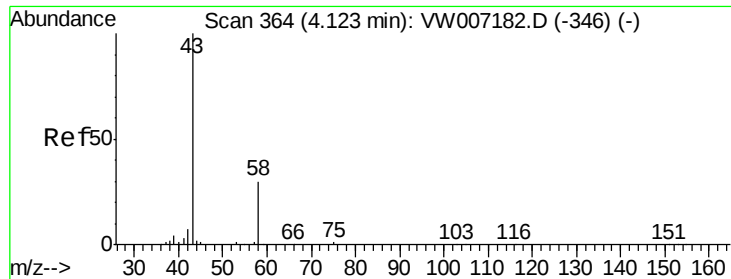
50

0

5.05 5.10 5.15 5.20 5.25

Time-->

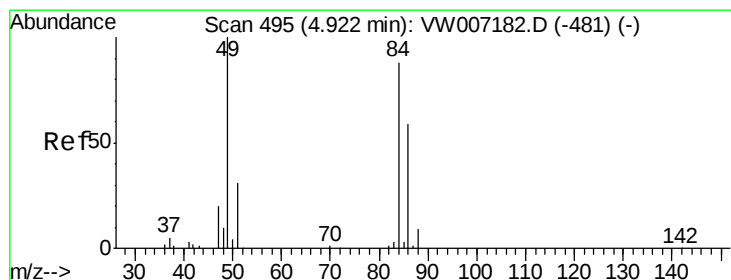
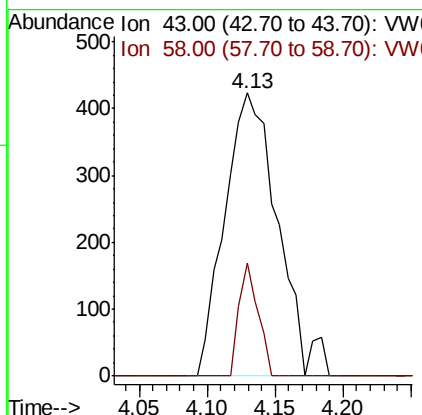
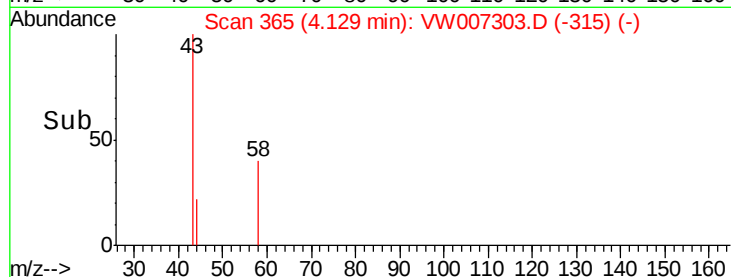
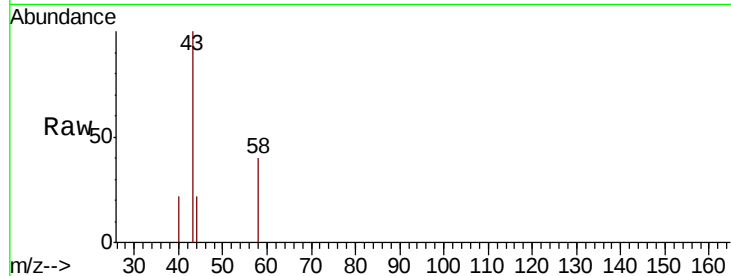




#16
Acetone
Concen: 6.120 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

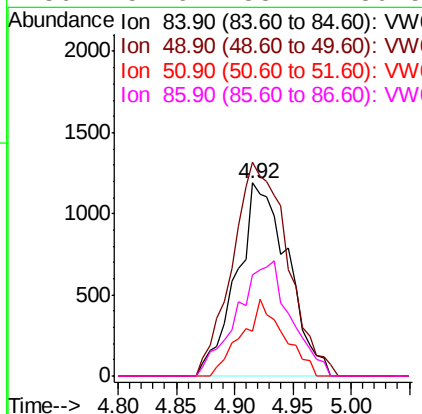
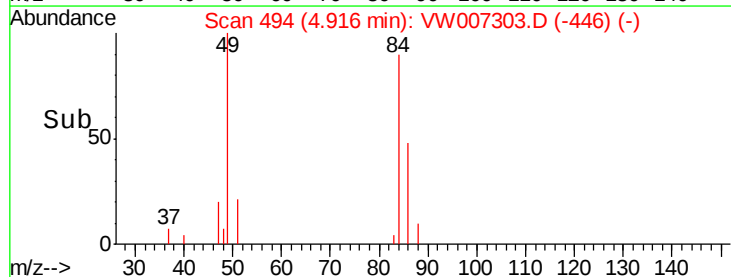
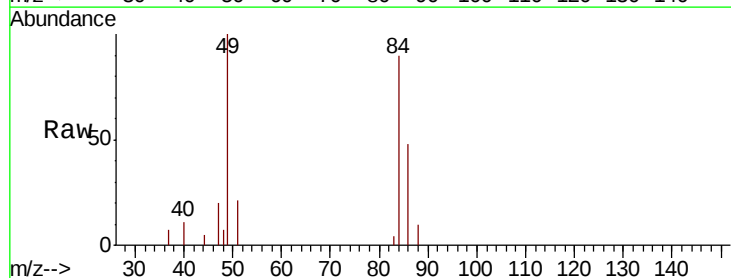
Instrument :
MSVOA_W
ClientSampled :

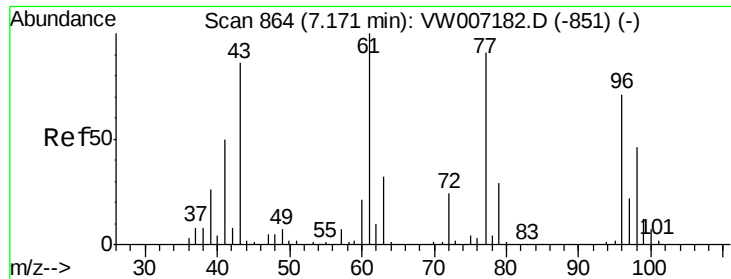
Tot Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 40.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Tgt Ion: 84 Resp: 3623
Ion Ratio Lower Upper
84 100
49 110.7 90.6 135.8
51 23.1 27.6 41.4#
86 52.6 53.7 80.5#

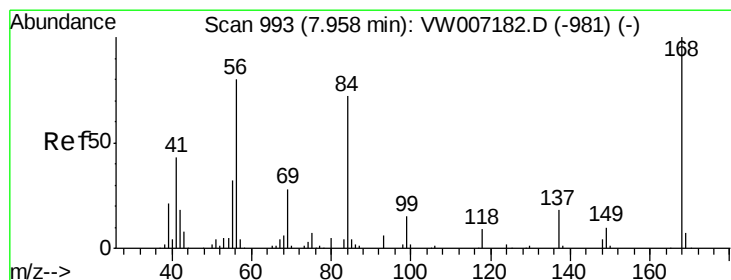
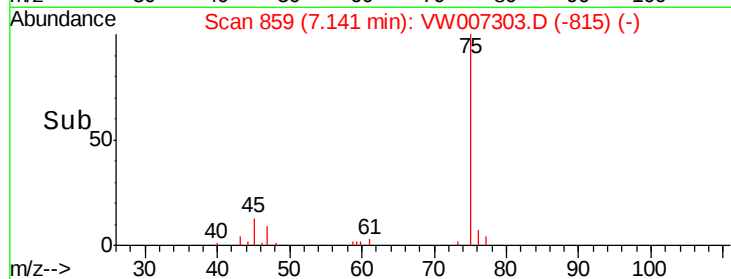
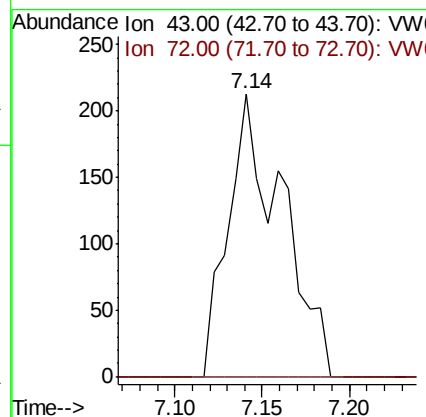
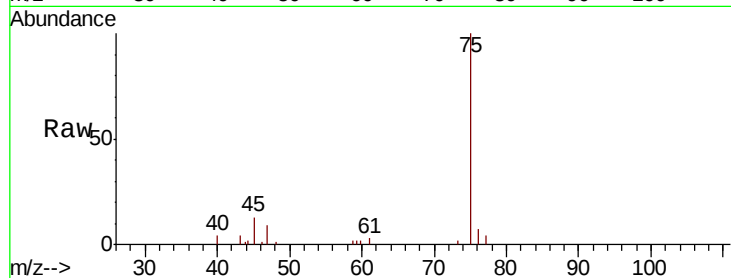




#25
 2-Butanone
 Concen: 2.106 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: VW007303.D
 Acq: 07 Dec 2018 01:57

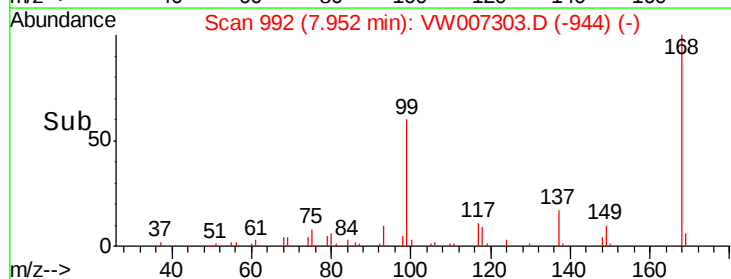
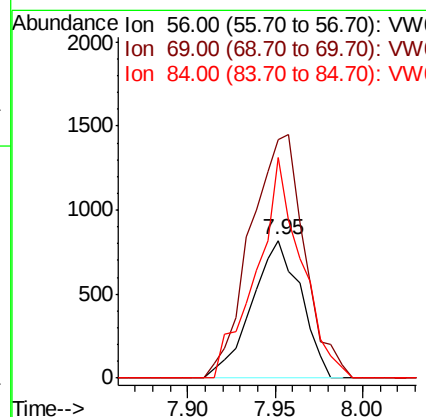
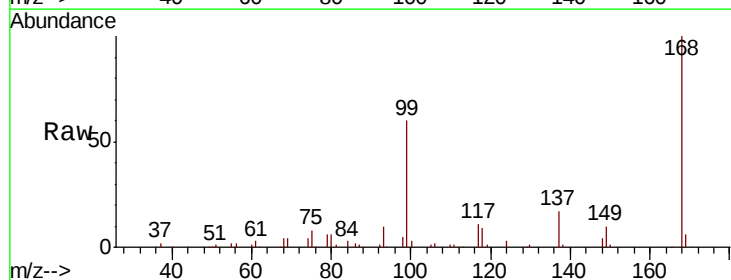
Instrument :
 MSVOA_W
 ClientSampled :

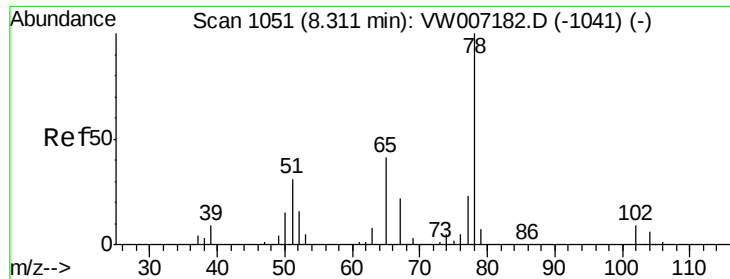
Tot Ion: 43 Resp: 460
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.016 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW007303.D
 Acq: 07 Dec 2018 01:57

Tgt Ion: 56 Resp: 1604
 Ion Ratio Lower Upper
 56 100
 69 172.7 28.2 42.2#
 84 159.6 72.1 108.1#

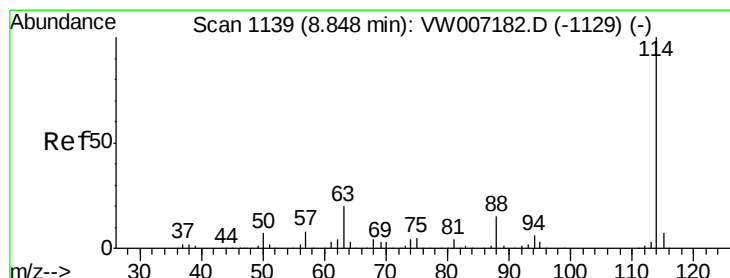
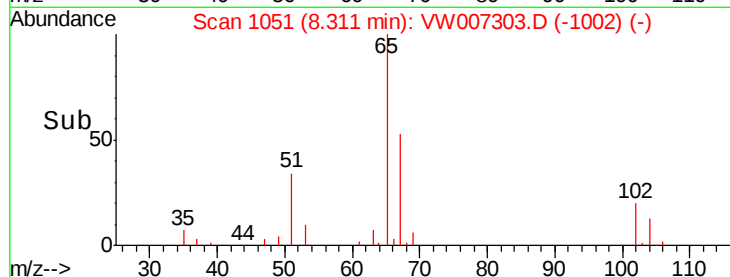
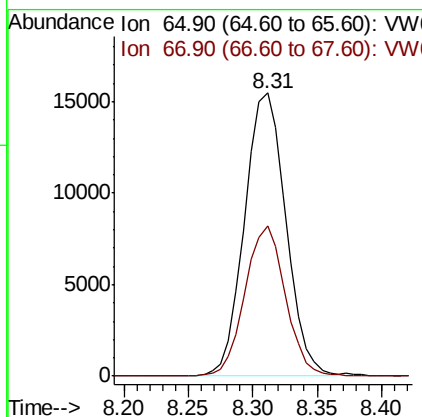
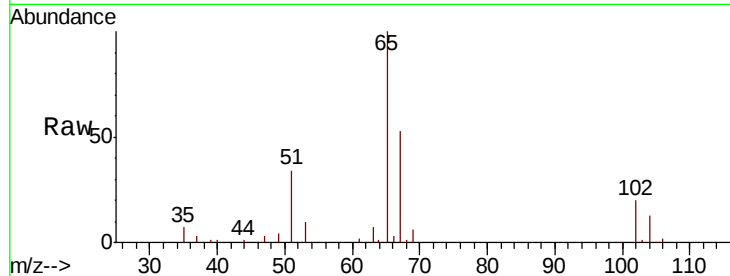




#33
 1,2-Dichloroethane-d4
 Concen: 43.252 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007303.D
 Acq: 07 Dec 2018 01:57

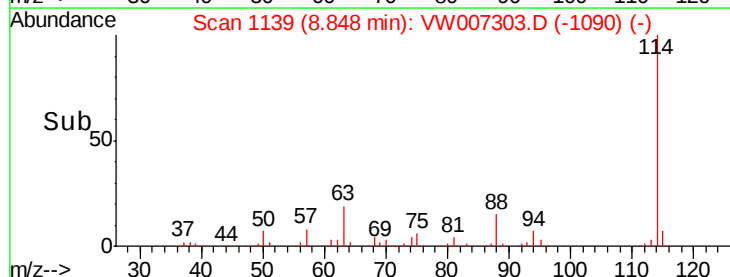
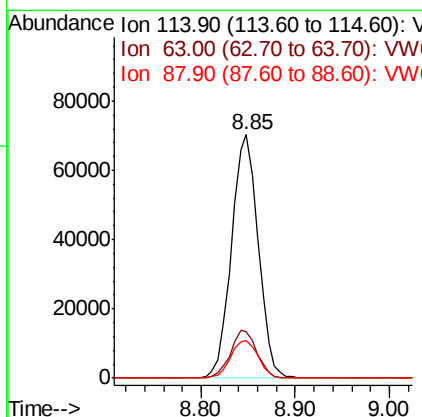
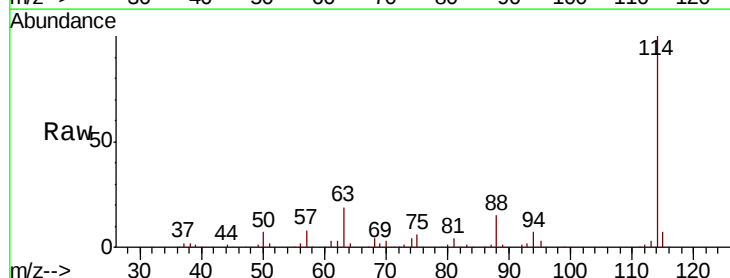
Instrument :
 MSVOA_W
 ClientSampleId :

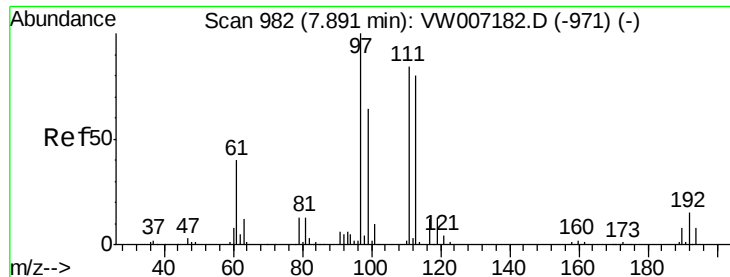
Tot Ion: 65 Resp: 34419
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007303.D
 Acq: 07 Dec 2018 01:57

Tgt Ion: 114 Resp: 138598
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.2
 88 15.4 0.0 30.0

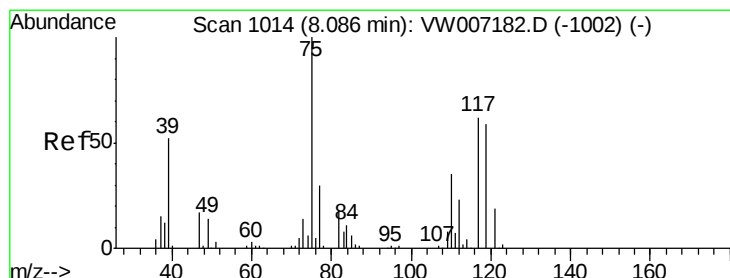
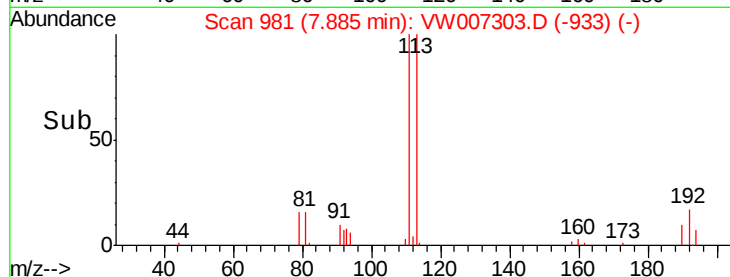
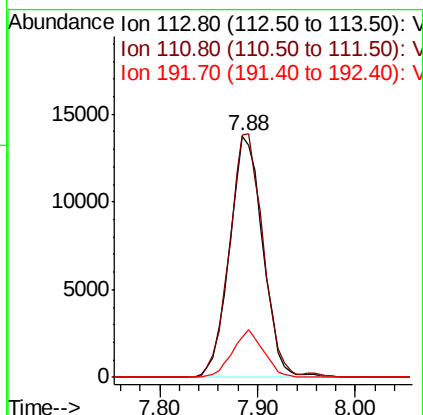
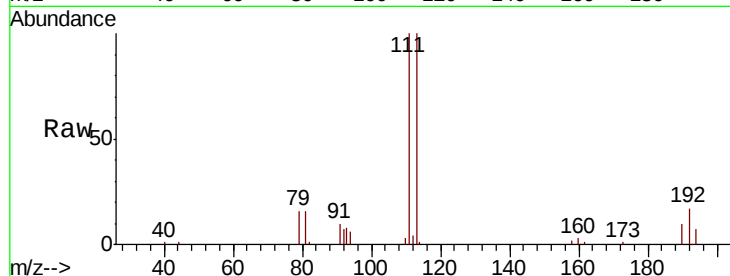




#35
 Dibromofluoromethane
 Concen: 40.822 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007303.D
 Acq: 07 Dec 2018 01:57

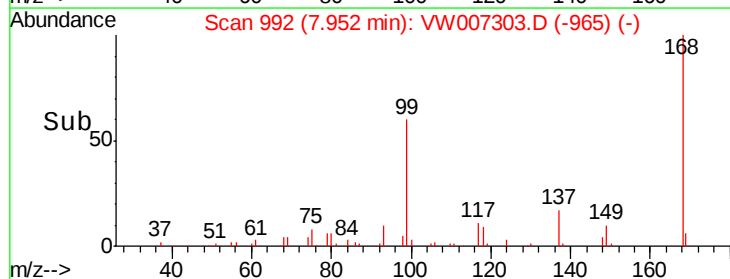
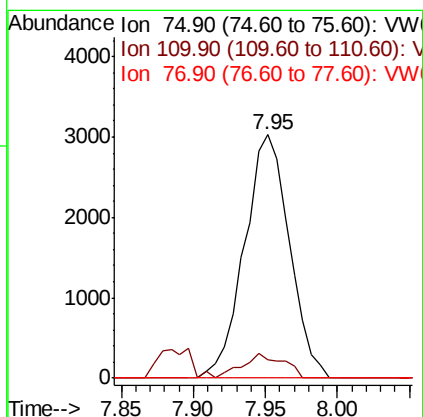
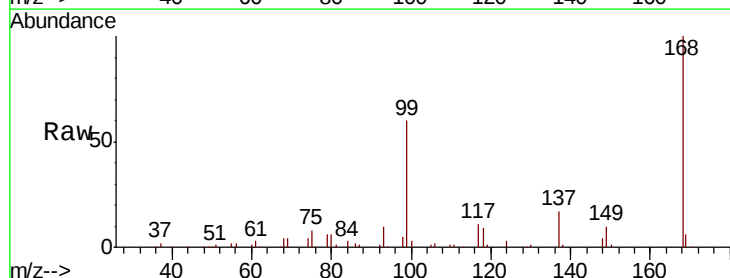
Instrument :
 MSVOA_W
 ClientSampleId :

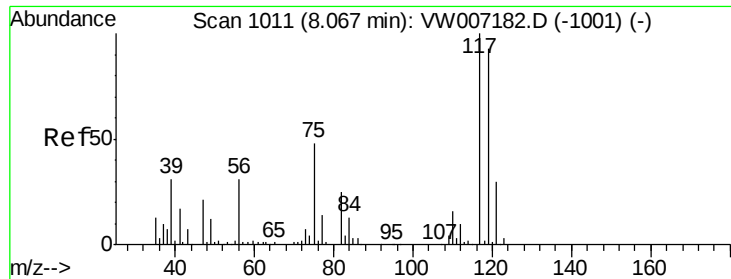
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	18.4	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 4.858 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007303.D
 Acq: 07 Dec 2018 01:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.3	54.9#
77	0.0	24.9	37.3#

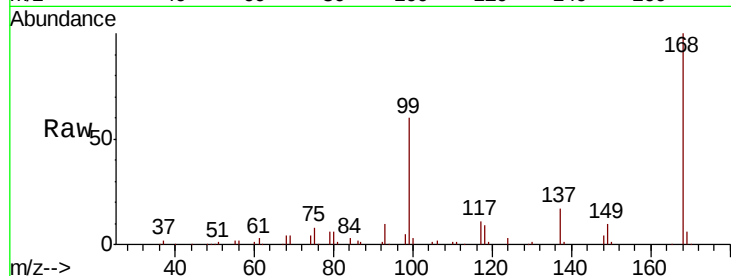




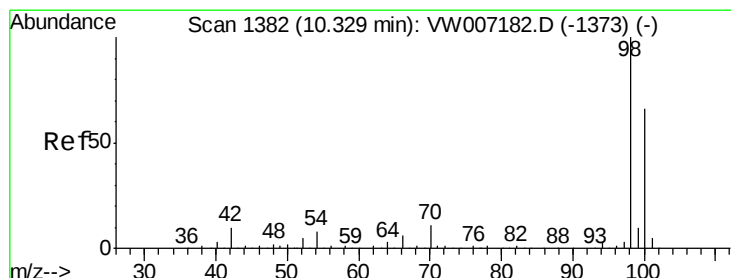
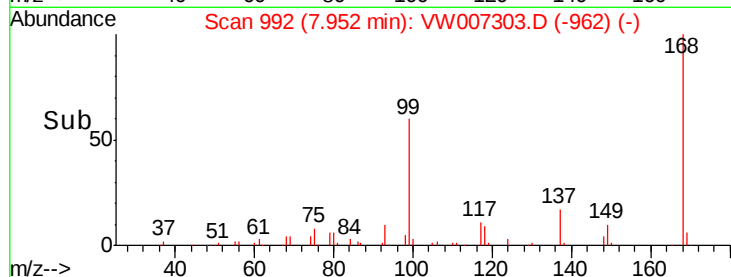
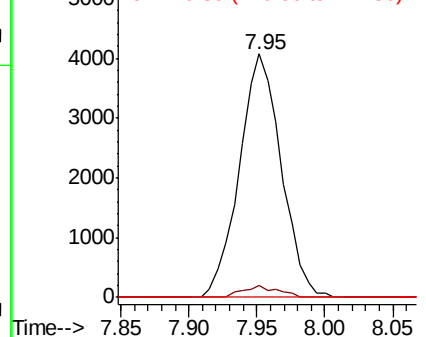
#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 8738
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 23.9 35.9#

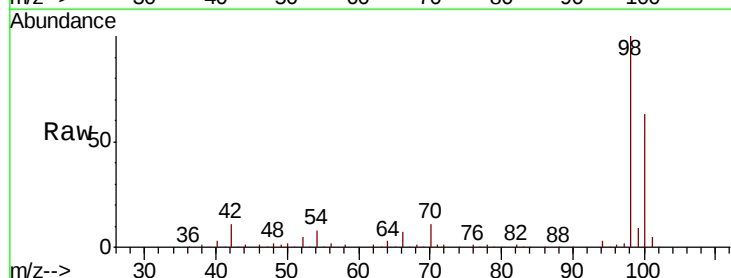


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

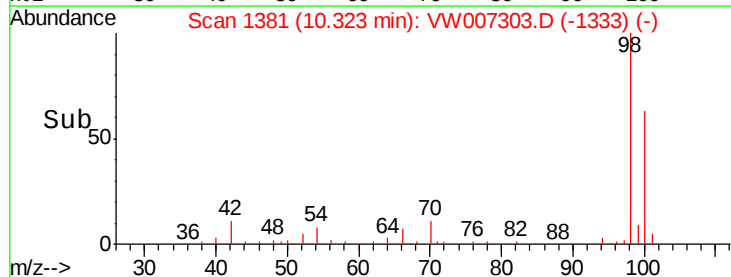
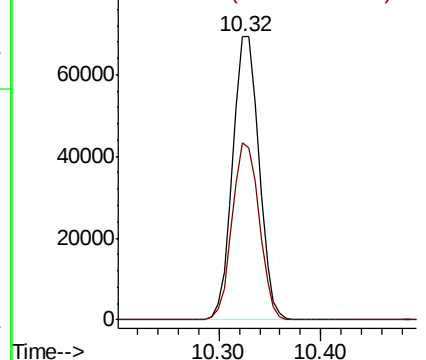


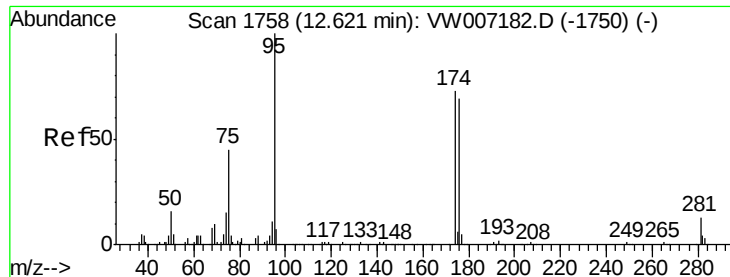
#50
Toluene-d8
Concen: 35.495 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Tgt Ion: 98 Resp: 124083
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

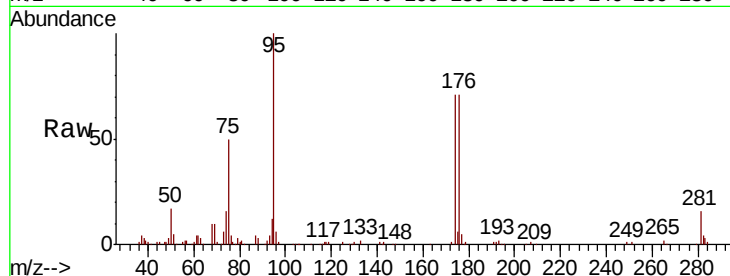




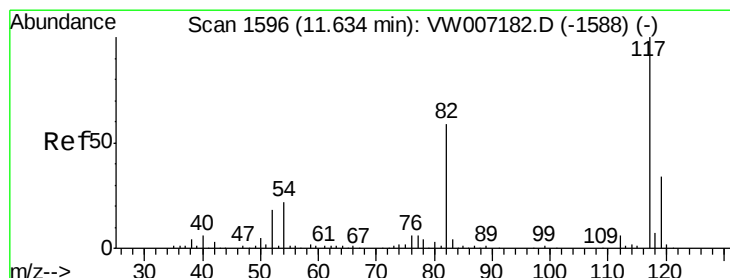
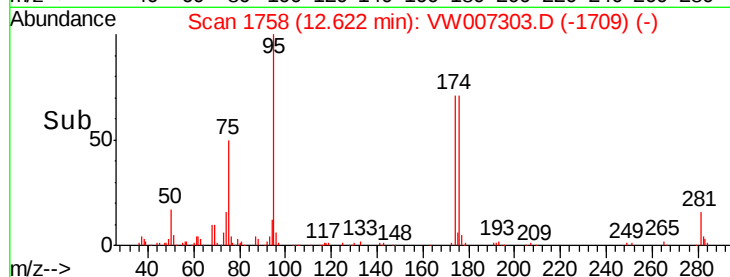
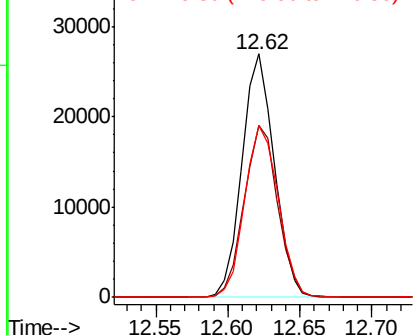
#62
4-Bromofluorobenzene
Concen: 31.712 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 41843
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 73.5 0.0 139.4

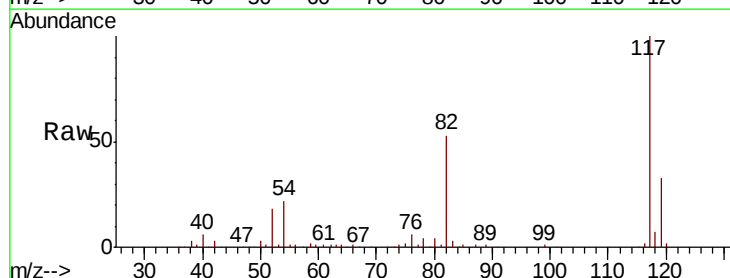


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

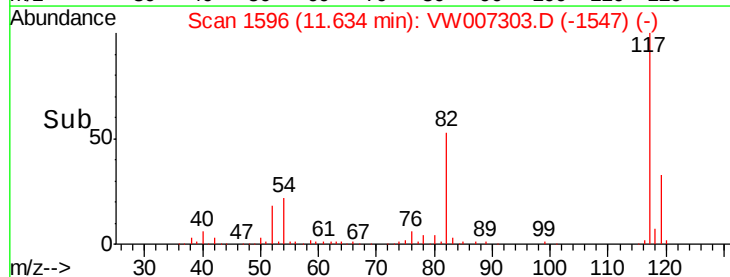
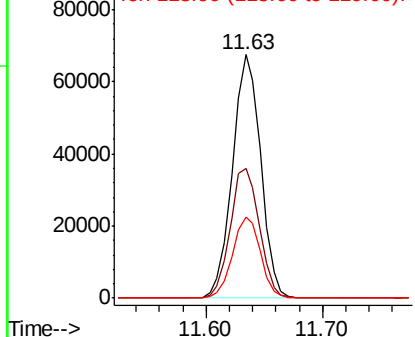


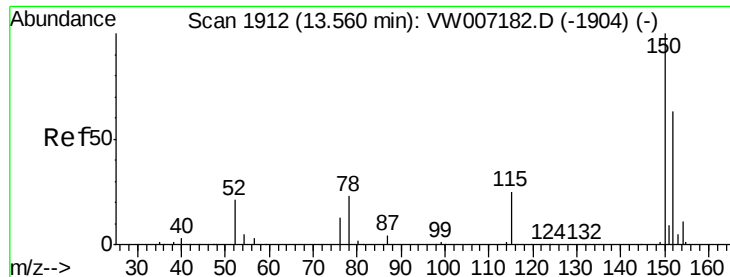
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Tgt Ion: 117 Resp: 114010
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 33.1 26.8 40.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007303.D

Acq: 07 Dec 2018 01:57

Instrument :

MSVOA_W

ClientSampled :

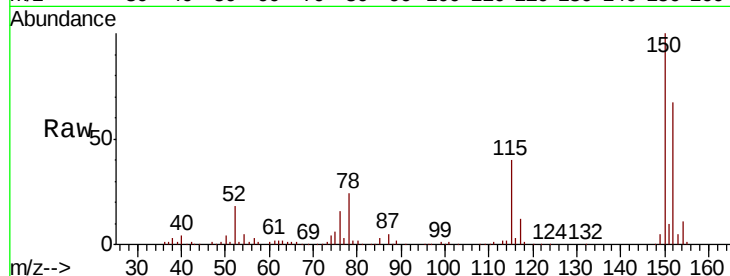
Tot Ion:152 Resp: 46810

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

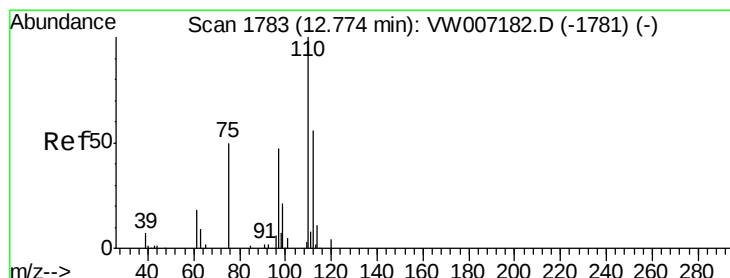
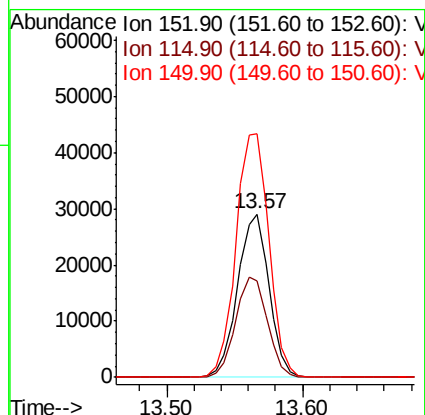
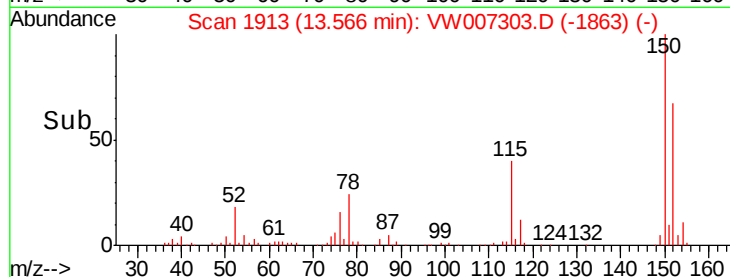
150 156.2 0.0 358.0



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: 57.803 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007303.D

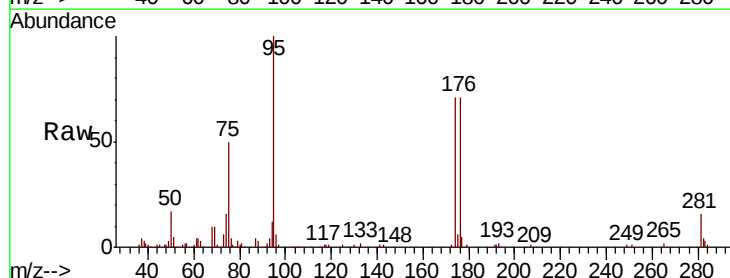
Acq: 07 Dec 2018 01:57

Tgt Ion: 75 Resp: 20951

Ion Ratio Lower Upper

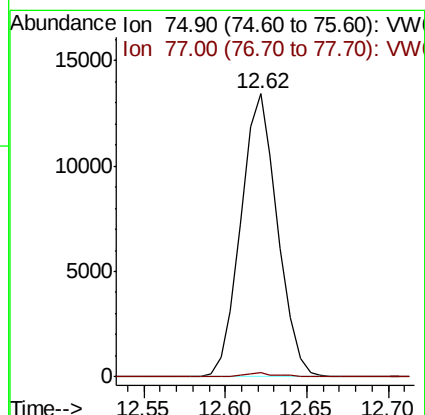
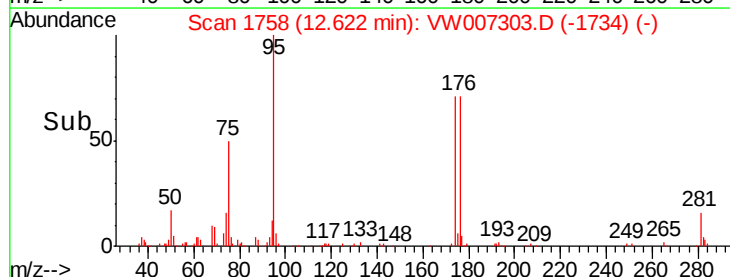
75 100

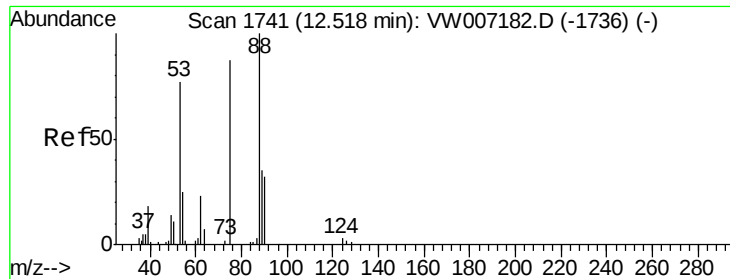
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

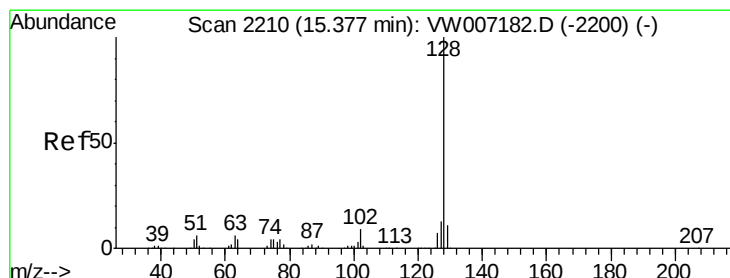
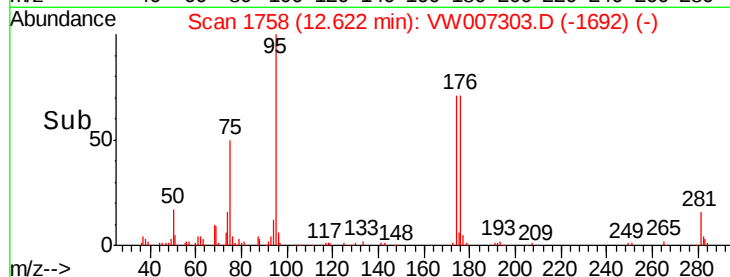
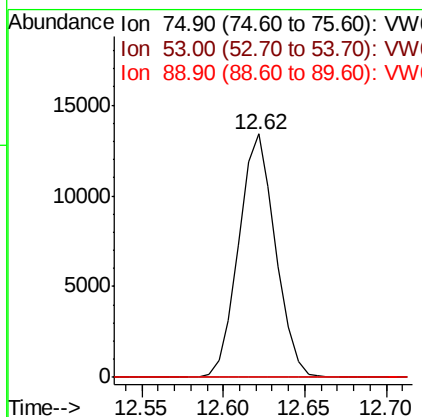
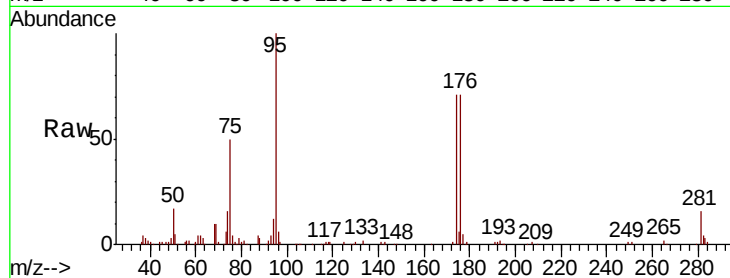




#81
trans-1,4-Dichloro-2-butene
Concen: 124.586 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 20951
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 1.522 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007303.D
Acq: 07 Dec 2018 01:57

Tgt Ion: 128 Resp: 2760
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.3 8.6 13.0

