

Data File : VW008722.D
Acq On : 18 Feb 2019 12:16
Operator : SY/VA
Sample : VW0218SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0218SBL01

Quant Time: Feb 19 03:28:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	392992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	595373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	517011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	251274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	208977	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.88	113	187583	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.32	98	704443	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	242820	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds

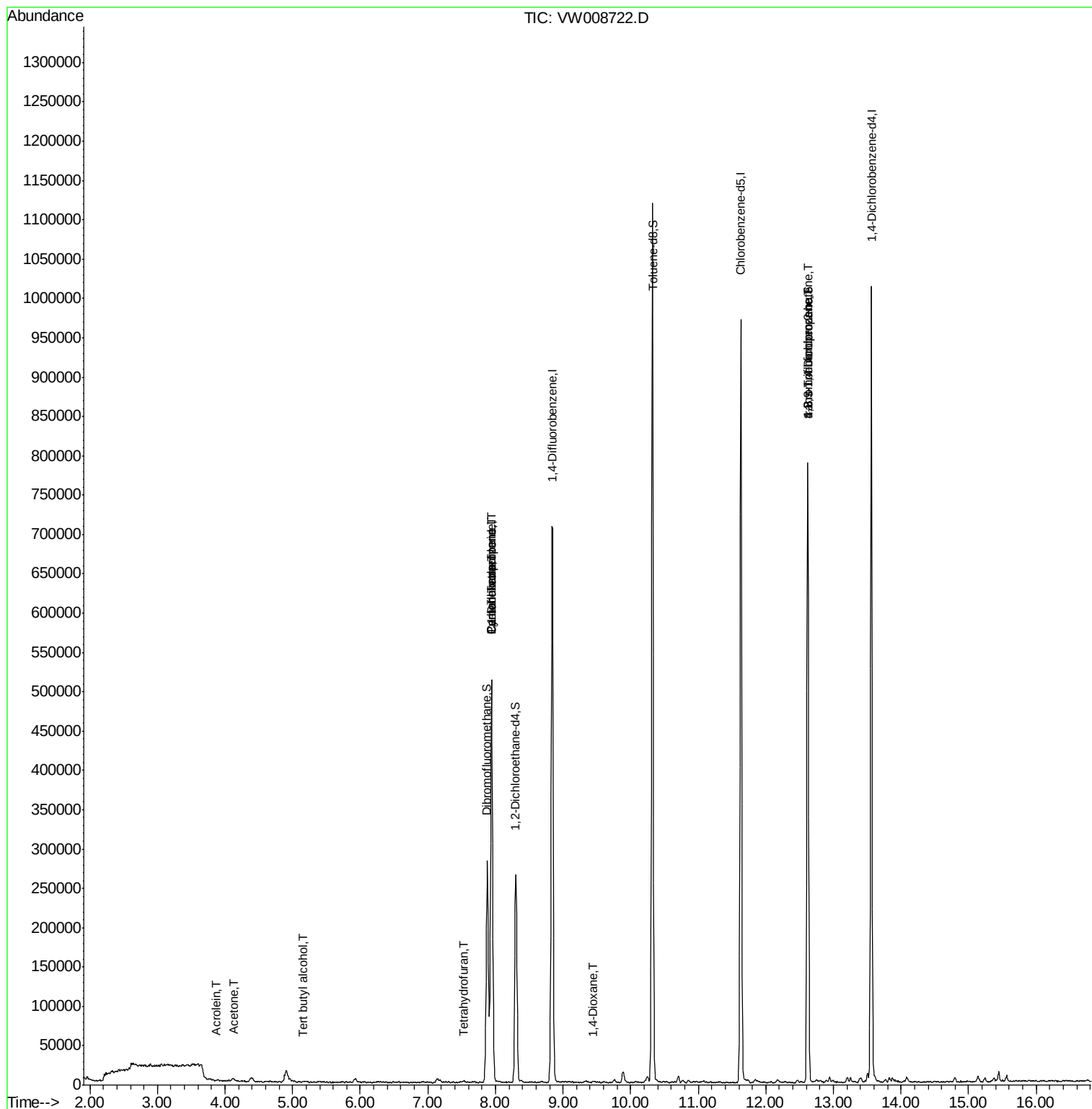
						Qvalue
11) Tert butyl alcohol	5.16	59	328	1.003	ug/l #	72
13) Acrolein	3.87	56	387	1.149	ug/l	95
16) Acetone	4.12	43	6405	6.889	ug/l	95
20) Methylene Chloride	4.91	84	11951	Below Cal		83
29) Tetrahydrofuran	7.54	42	1793	2.072	ug/l #	78
31) Cyclohexane	7.95	56	9413	1.260	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	28877	4.828	ug/l #	51
38) Carbon Tetrachloride	7.95	117	38752	6.515	ug/l #	15
49) 1,4-Dioxane	9.44	88	115	3.235	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	127892	51.544	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	127892	110.438	ug/l #	6

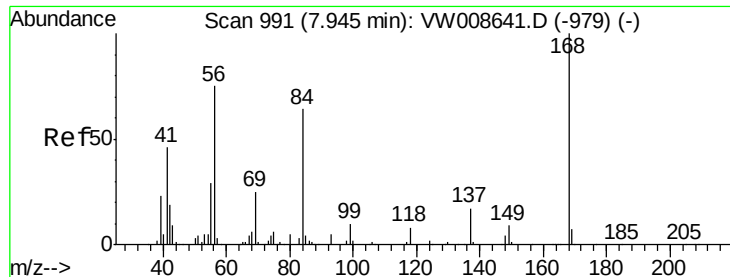
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008722.D

Acq: 18 Feb 2019 12:16

Instrument :

MSVOA_W

ClientSampleId :

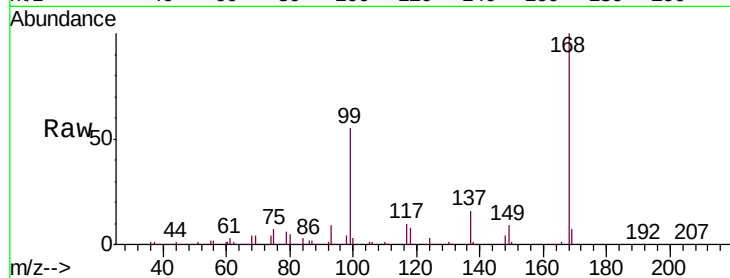
VW0218SBL01

Tgt Ion:168 Resp: 392992

Ion Ratio Lower Upper

168 100

99 54.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

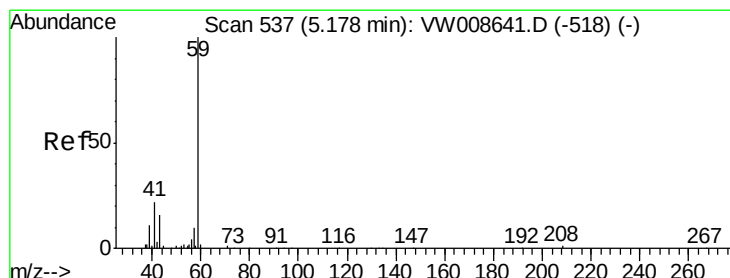
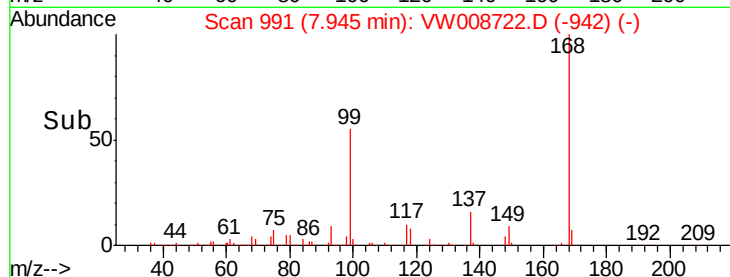
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.003 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: VW008722.D

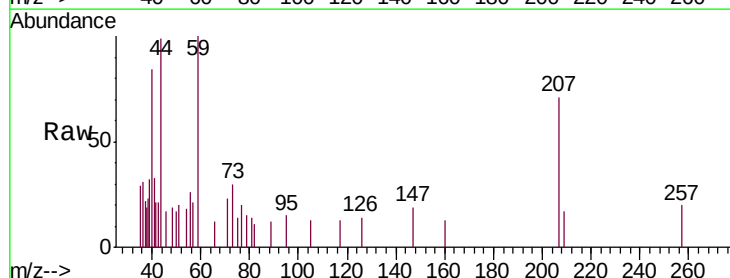
Acq: 18 Feb 2019 12:16

Tgt Ion: 59 Resp: 328

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

500

400

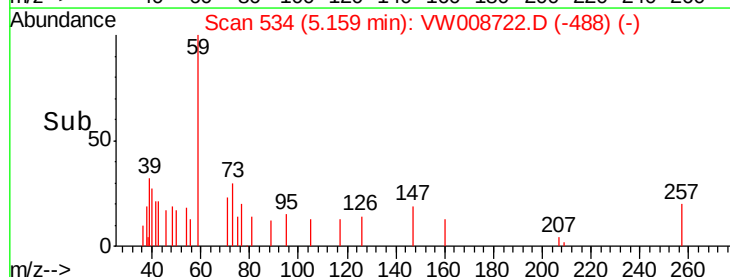
300

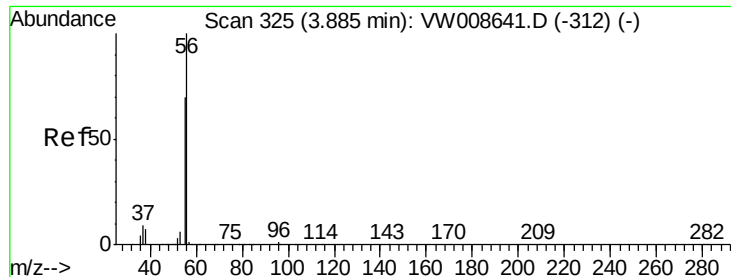
200

100

0

Time--> 5.14 5.16 5.18





#13

Acrolein

Concen: 1.149 ug/l

RT: 3.87 min Scan# 323

Delta R.T. -0.01 min

Lab File: VW008722.D

Acq: 18 Feb 2019 12:16

Instrument :

MSVOA_W

ClientSampleId :

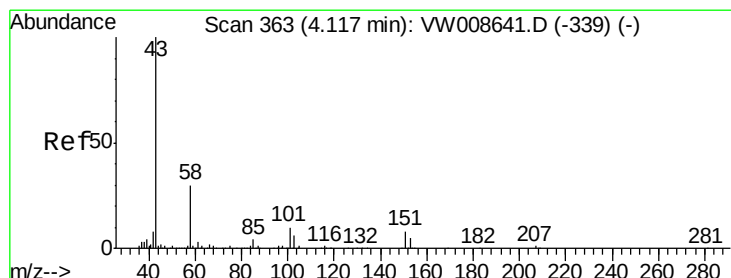
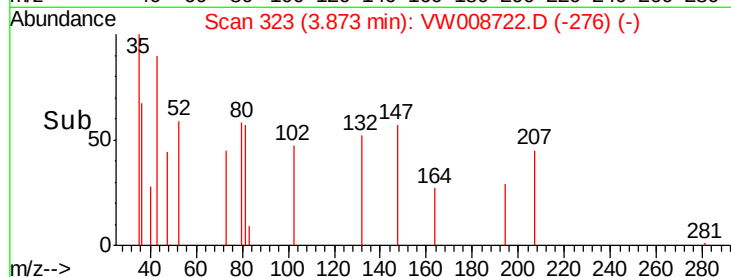
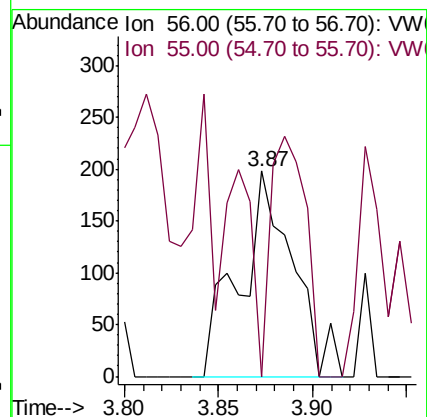
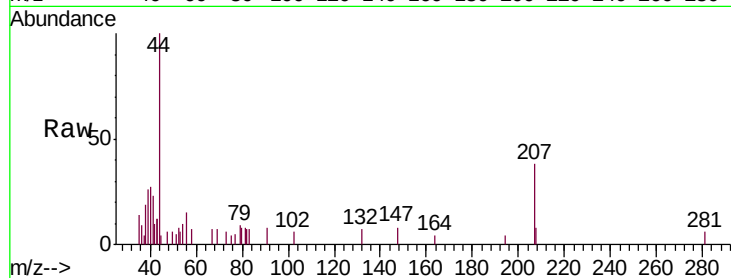
VW0218SBL01

Tgt Ion: 56 Resp: 387

Ion Ratio Lower Upper

56 100

55 76.2 57.4 86.2



#16

Acetone

Concen: 6.889 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008722.D

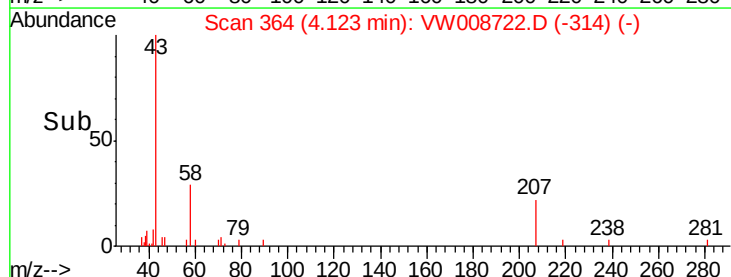
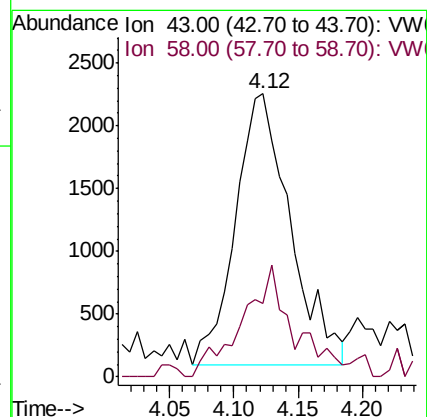
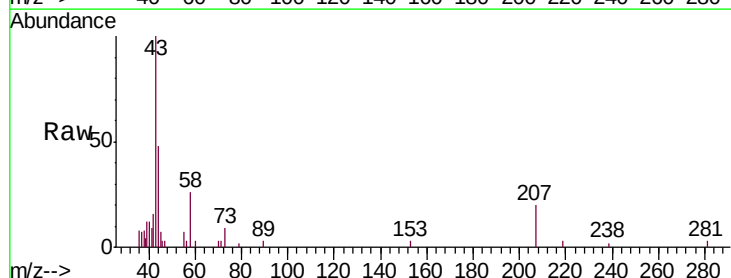
Acq: 18 Feb 2019 12:16

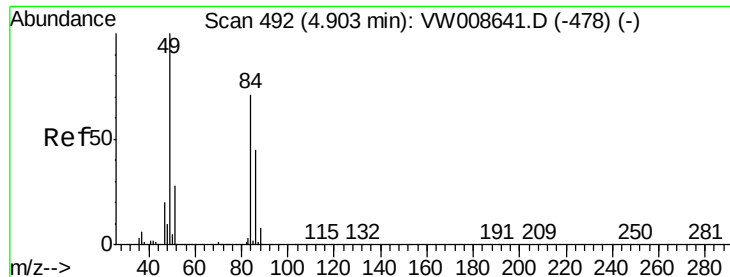
Tgt Ion: 43 Resp: 6405

Ion Ratio Lower Upper

43 100

58 27.3 24.1 36.1

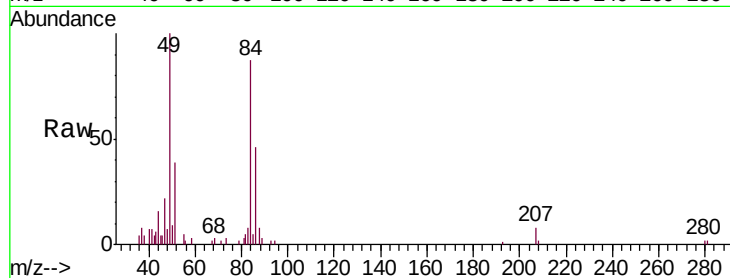




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0218SBL01

Tgt Ion:	84	Resp:	11951
Ion	Ratio	Lower	Upper
84	100		
49	115.0	113.3	169.9
51	45.1	32.1	48.1
86	52.7	50.9	76.3



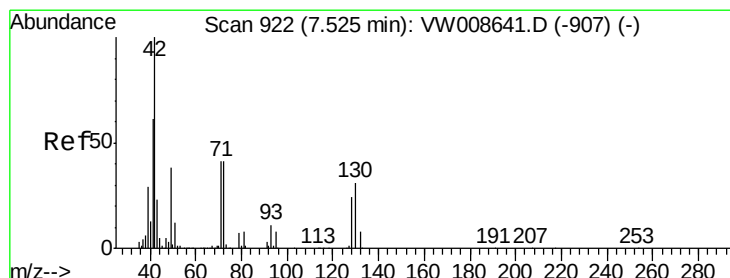
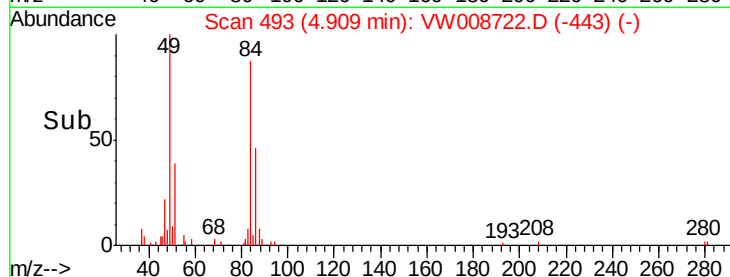
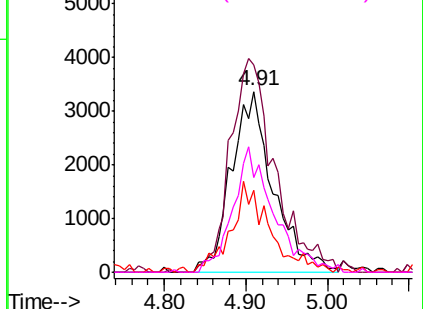
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

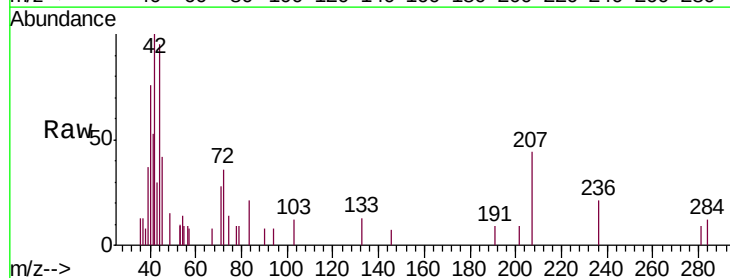
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29
Tetrahydrofuran
Concen: 2.072 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Tgt Ion:	42	Resp:	1793
Ion	Ratio	Lower	Upper
42	100		
72	22.5	32.2	48.2#
71	30.2	31.0	46.6#

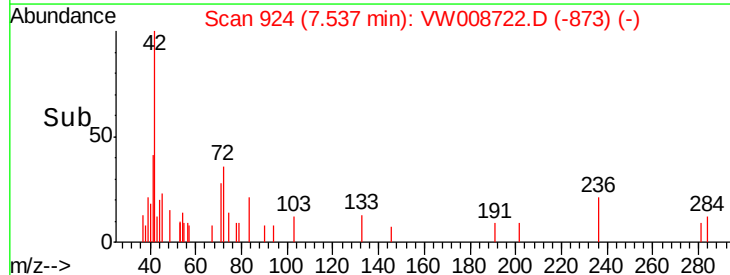
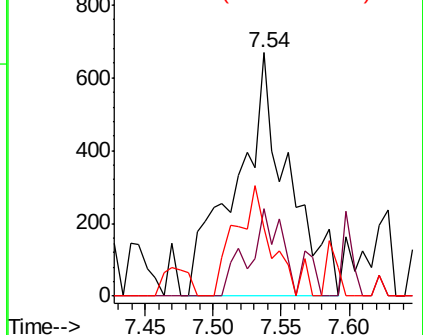


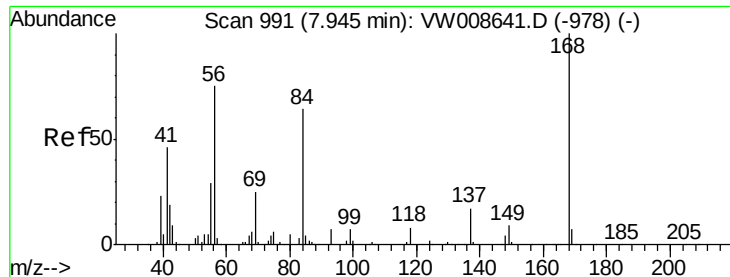
Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

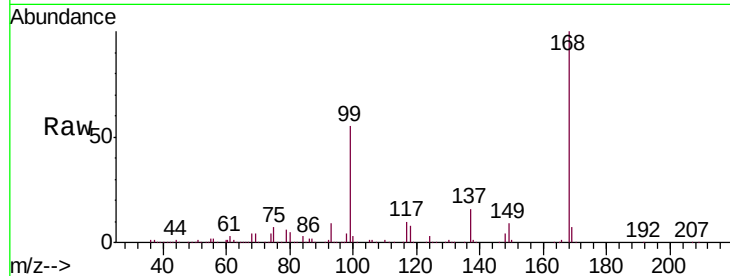




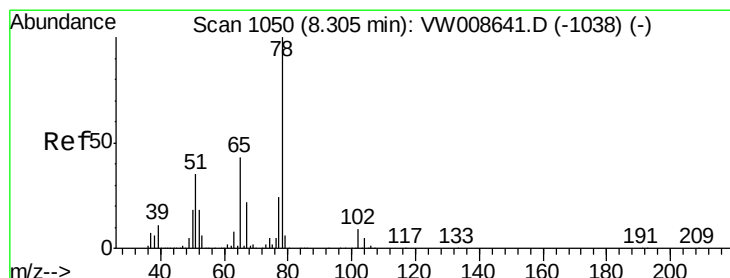
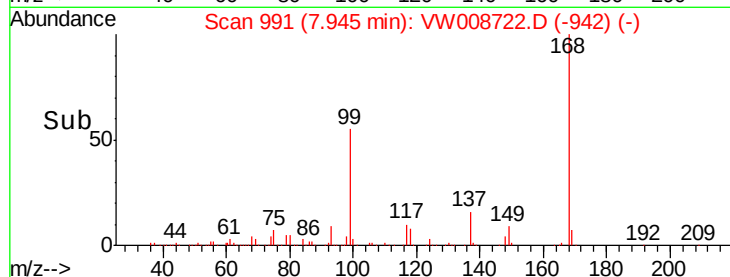
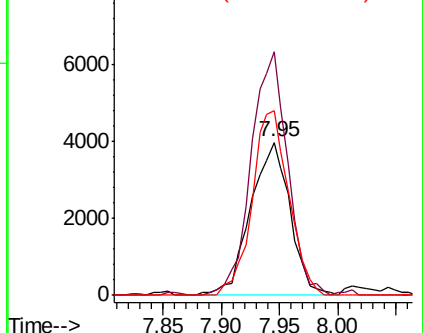
#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0218SBL01

Tgt Ion: 56 Resp: 9413
Ion Ratio Lower Upper
56 100
69 159.3 26.4 39.6#
84 120.7 67.4 101.2#

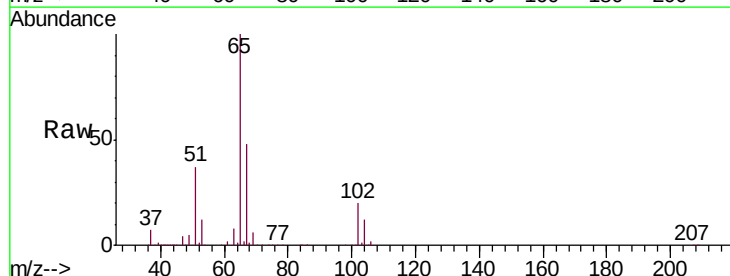


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

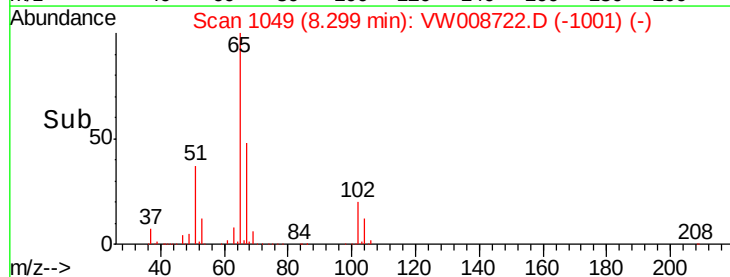
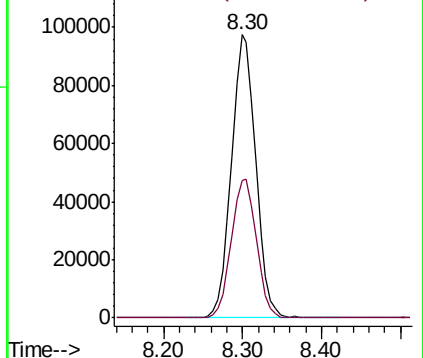


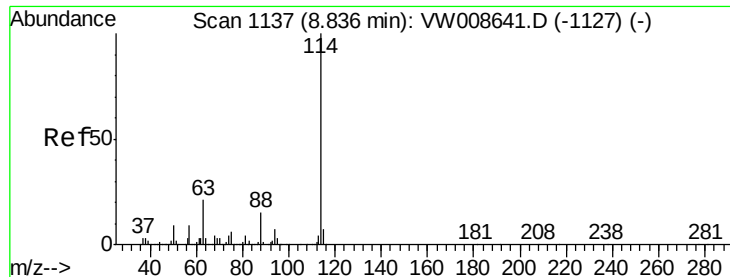
#33
1,2-Dichloroethane-d4
Concen: 51.149 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Tgt Ion: 65 Resp: 208977
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0



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

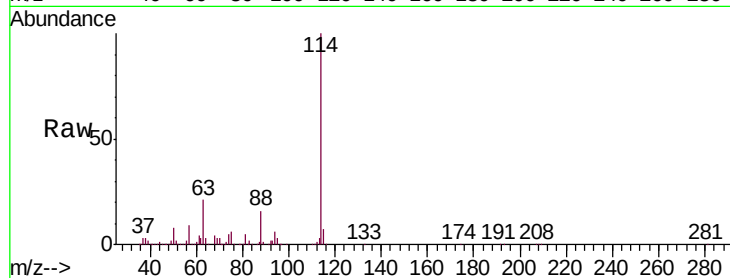




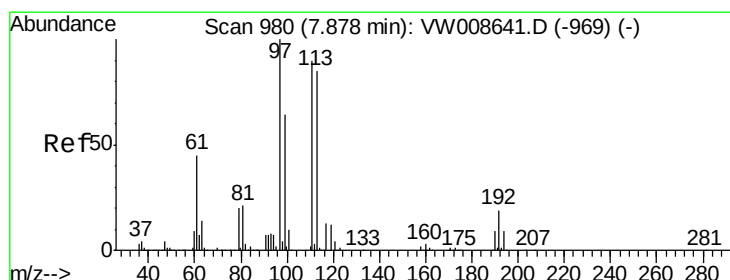
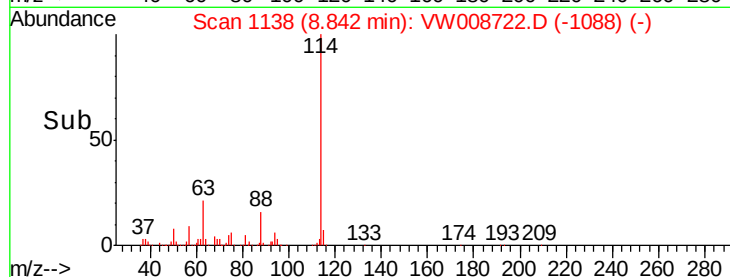
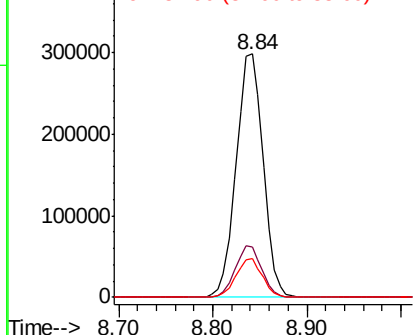
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008722.D
 Acq: 18 Feb 2019 12:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0218SBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.2
88	15.9	0.0	29.6

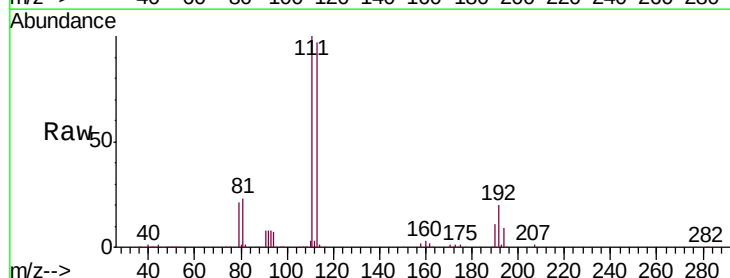


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

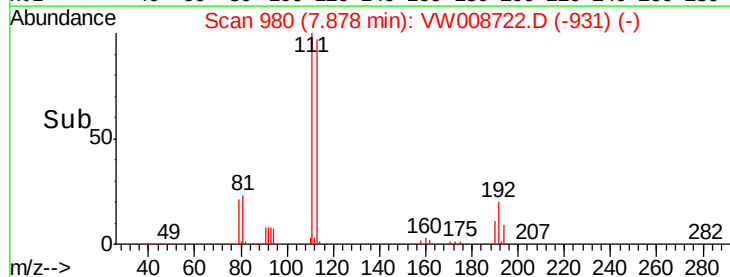
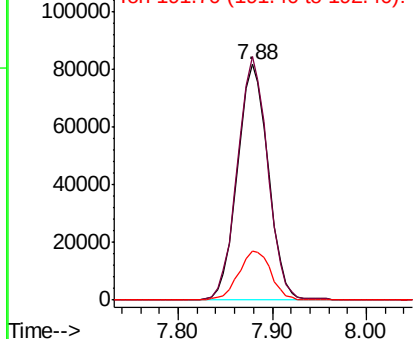


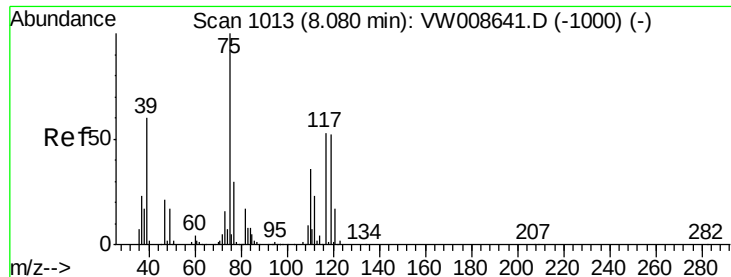
#35
 Dibromofluoromethane
 Concen: 50.741 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008722.D
 Acq: 18 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.0	126.0
192	21.8	17.4	26.2



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

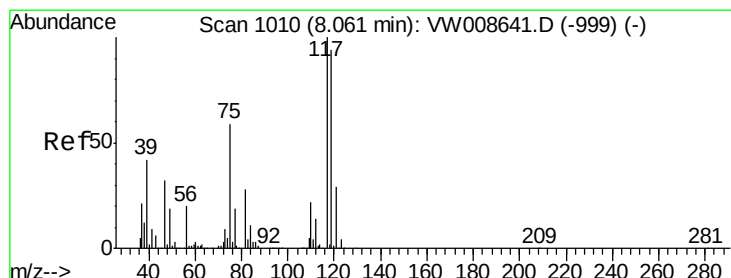
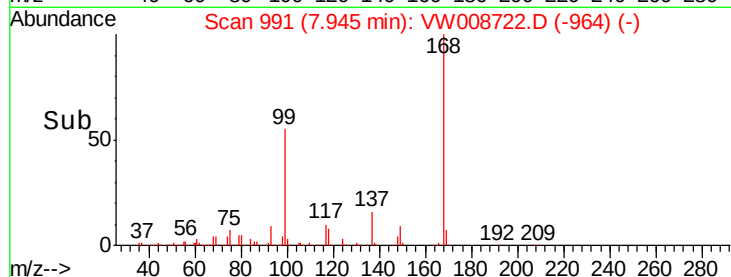
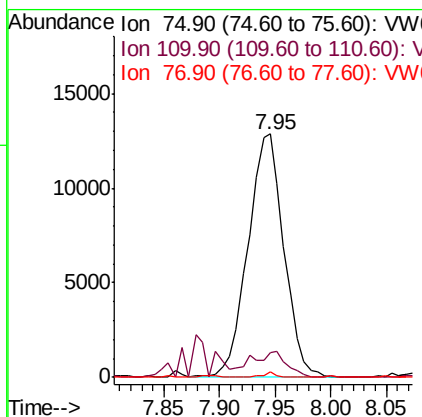
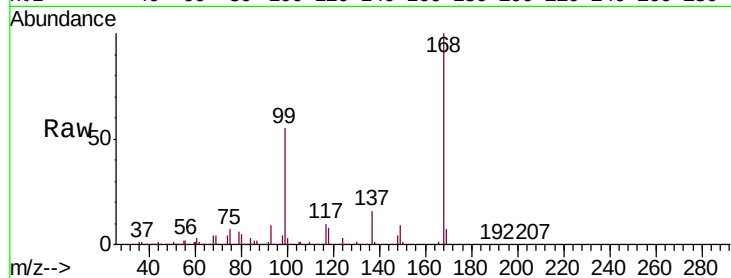




#36
 1,1-Dichloropropene
 Concen: 4.828 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008722.D
 Acq: 18 Feb 2019 12:16

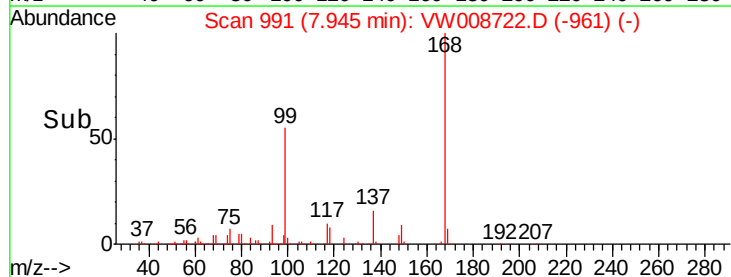
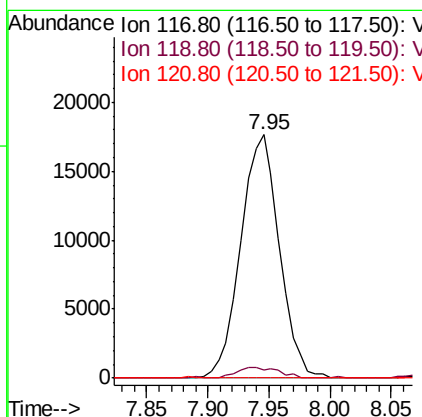
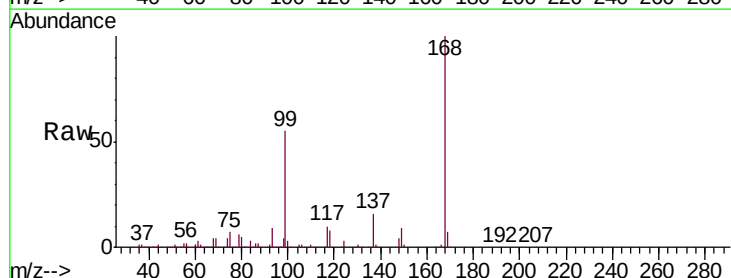
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0218SBL01

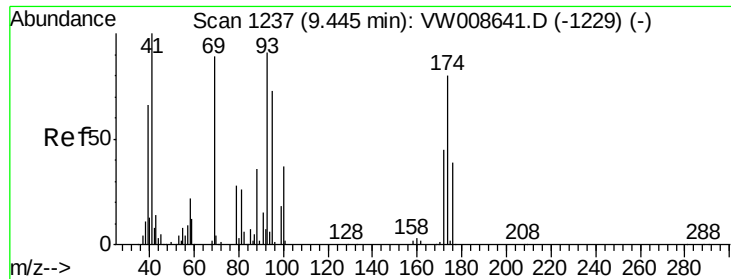
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.8	53.3#
77	0.8	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.515 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008722.D
 Acq: 18 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.3	75.1	112.7#
121	0.0	23.5	35.3#

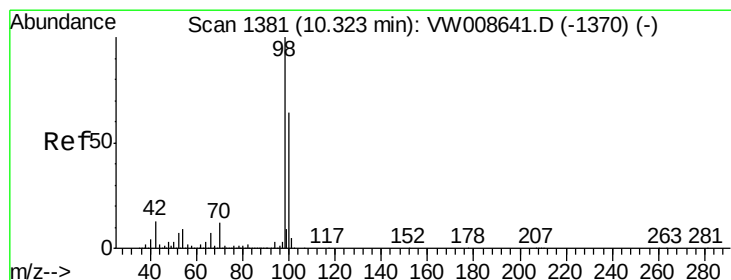
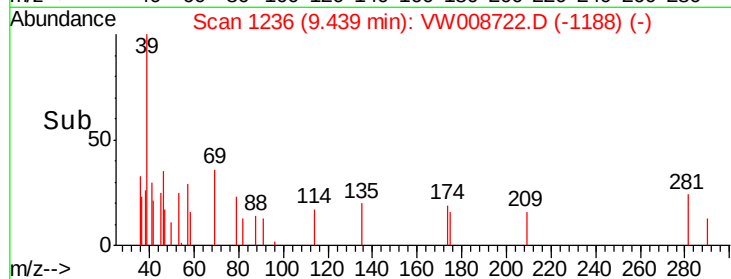
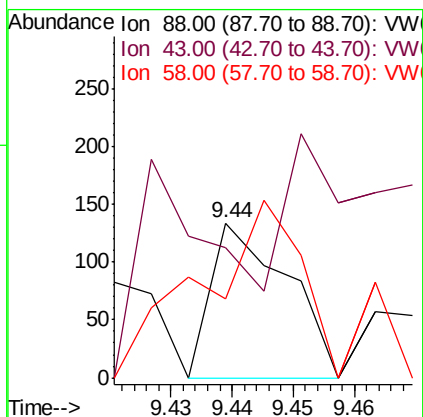
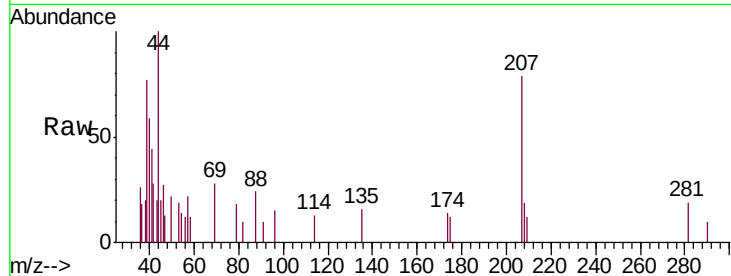




#49
1,4-Dioxane
Concen: 3.235 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

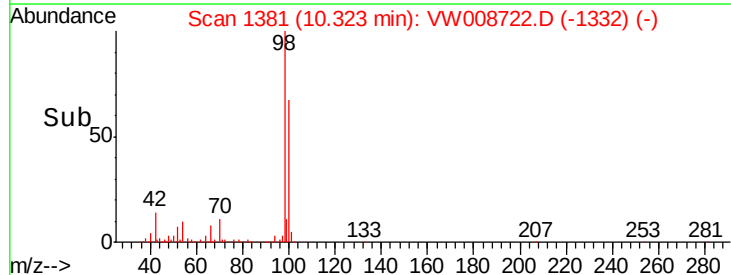
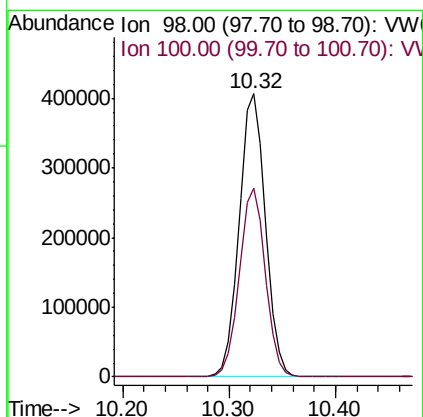
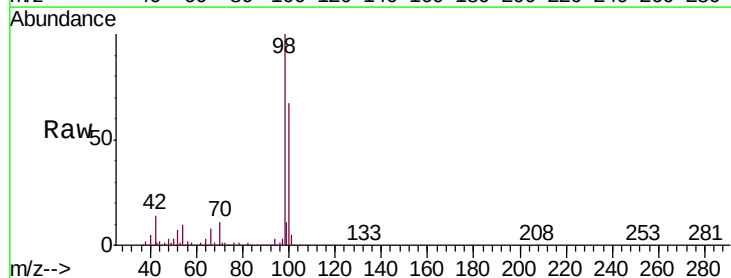
Instrument :
MSVOA_W
ClientSampled :
VW0218SBL01

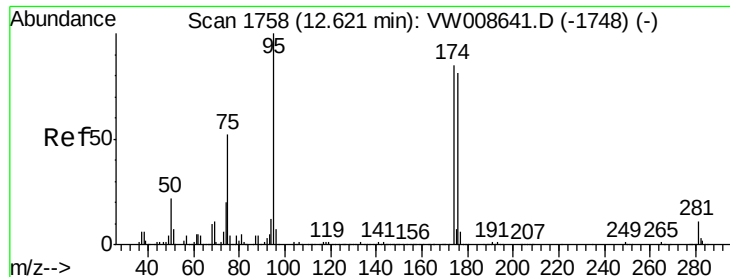
Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 94.8 31.0 46.6#
58 177.4 57.0 85.6#



#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Tgt Ion: 98 Resp: 704443
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4

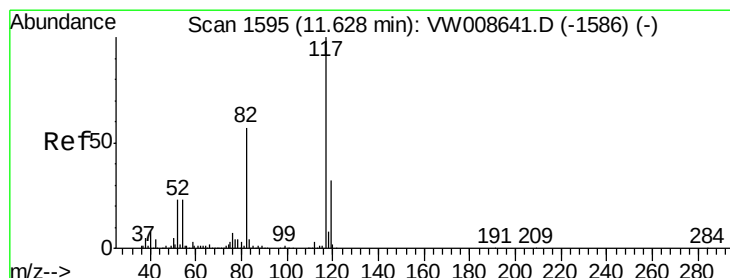
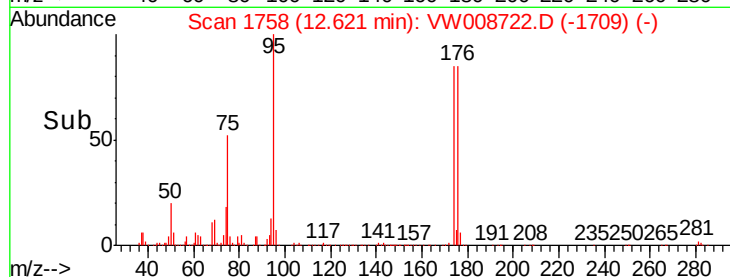
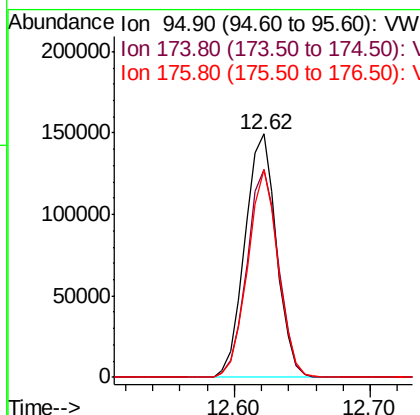
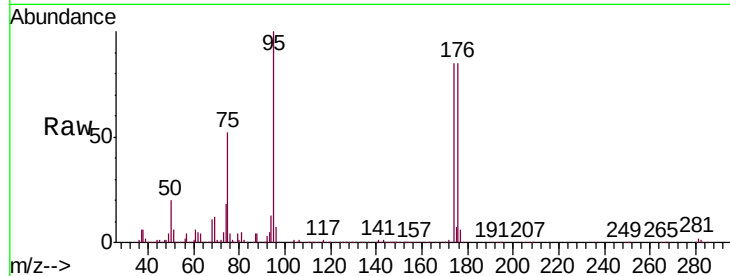




#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

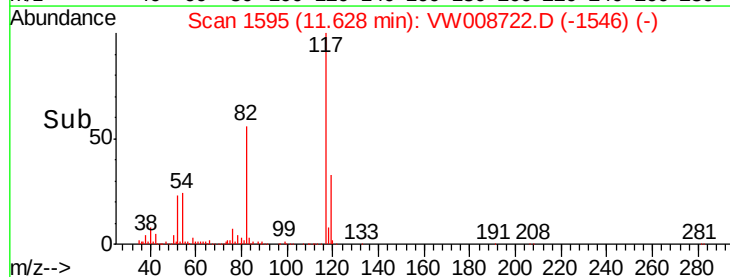
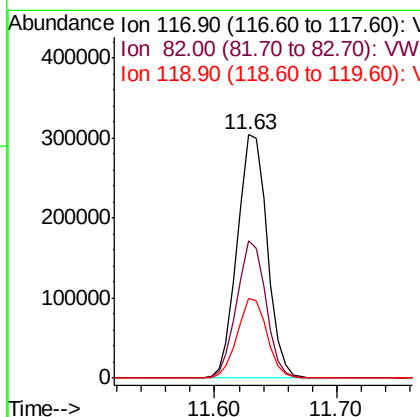
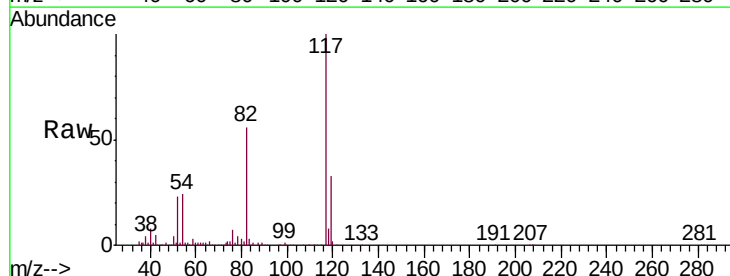
Instrument :
MSVOA_W
ClientSampleId :
VW0218SBL01

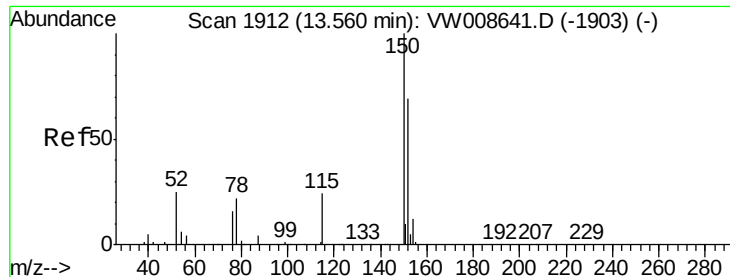
Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	163.2
176	82.8	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.6	68.4
119	32.6	25.7	38.5



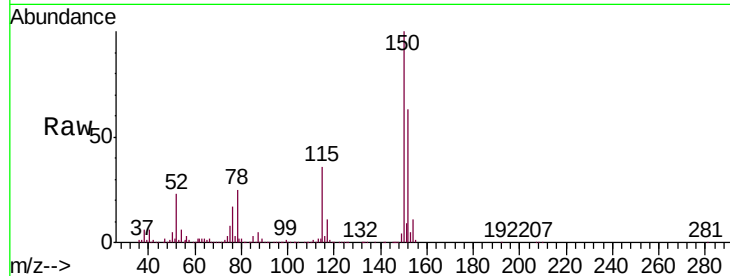


#72

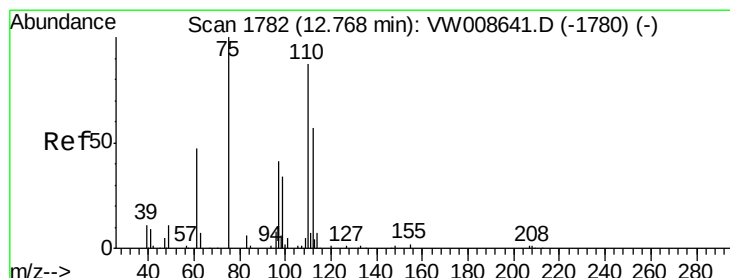
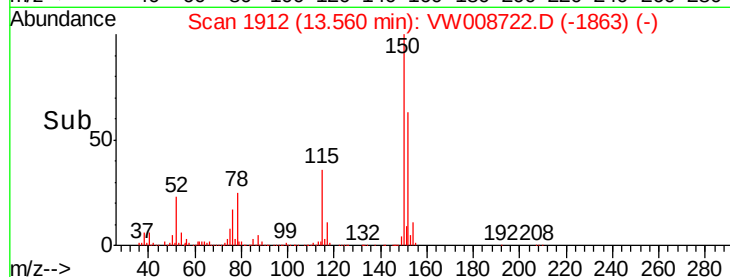
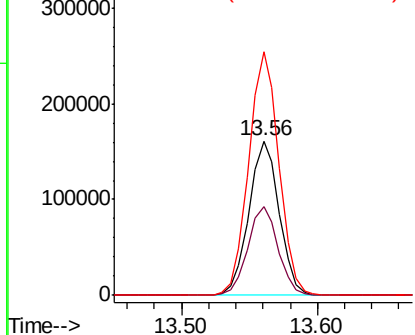
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Instrument :
MSVOA_W
ClientSampleId :
VW0218SBL01

Tgt Ion: 152 Resp: 251274
Ion Ratio Lower Upper
152 100
115 57.1 29.3 87.8
150 157.4 0.0 352.8



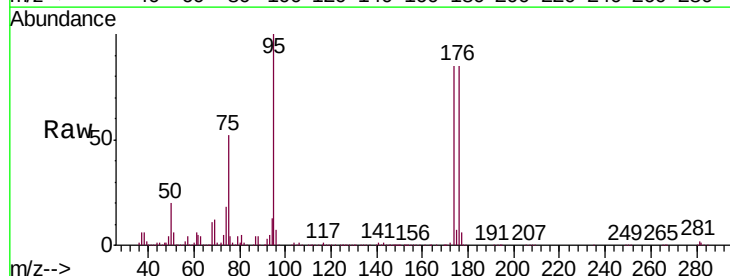
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



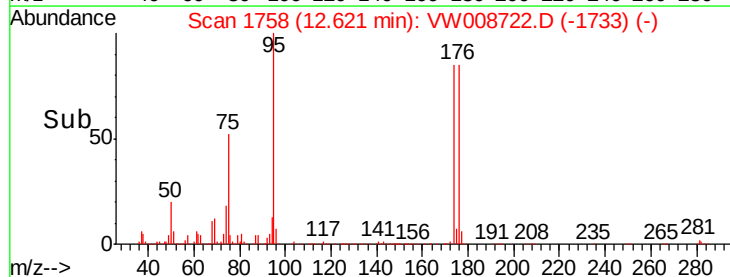
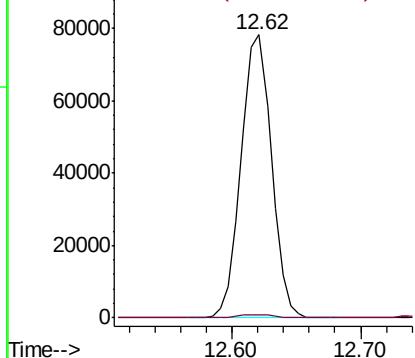
#76

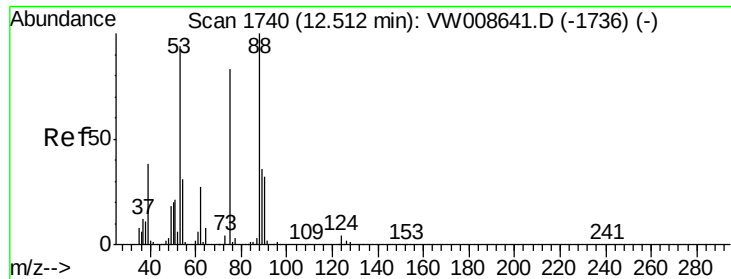
1,2,3-Trichloropropane
Concen: 51.544 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008722.D
Acq: 18 Feb 2019 12:16

Tgt Ion: 75 Resp: 127892
Ion Ratio Lower Upper
75 100
77 1.5 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: 110.438 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008722.D

Acq: 18 Feb 2019 12:16

Instrument :

MSVOA_W

ClientSampleId :

VW0218SBL01

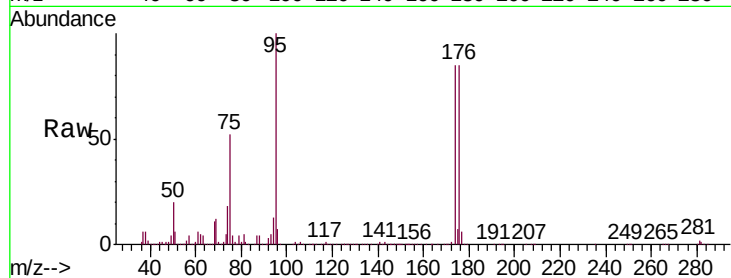
Tgt Ion: 75 Resp: 127892

Ion Ratio Lower Upper

75 100

53 0.1 87.4 131.0#

89 0.1 37.0 55.4#



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

