

Data File : VW010399.D
Acq On : 12 May 2019 10:39
Operator : SY/VA
Sample : VW0512SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBL01

Quant Time: May 13 05:20:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1245642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2119089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1888647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	880783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	631353	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.88	113	565217	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
50) Toluene-d8	10.32	98	2168086	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	
62) 4-Bromofluorobenzene	12.62	95	721930	40.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.24%	

Target Compounds

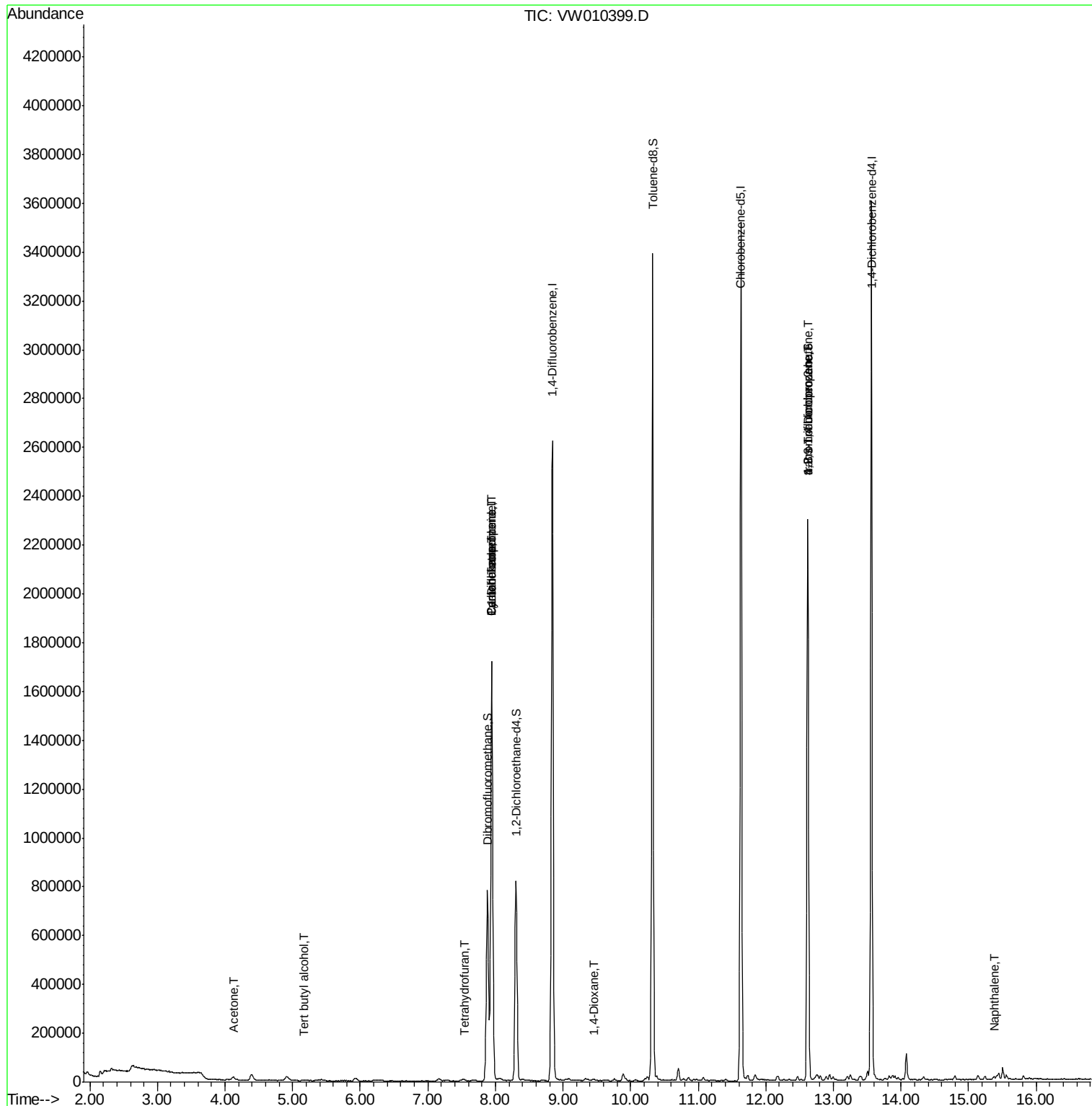
						Qvalue
11) Tert butyl alcohol	5.17	59	3007	3.215	ug/l #	78
16) Acetone	4.13	43	30687	8.889	ug/l	100
29) Tetrahydrofuran	7.54	42	4618	1.352	ug/l #	85
31) Cyclohexane	7.94	56	31186	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	106732	4.645	ug/l #	49
38) Carbon Tetrachloride	7.95	117	126230	6.409	ug/l #	18
49) 1,4-Dioxane	9.45	88	798	5.663	ug/l #	82
76) 1,2,3-Trichloropropane	12.62	75	372521	36.276	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	372521	81.921	ug/l #	5
95) Naphthalene	15.37	128	9312	3.811	ug/l #	93

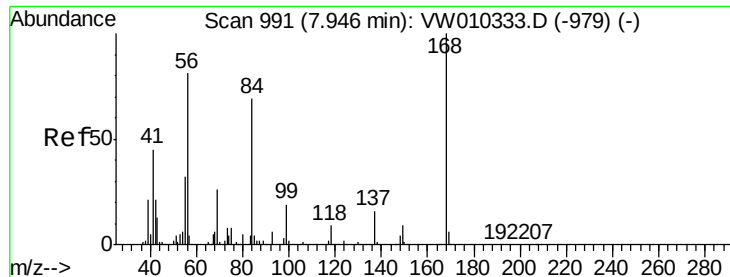
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010399.D

Acq: 12 May 2019 10:39

Instrument :

MSVOA_W

ClientSampleId :

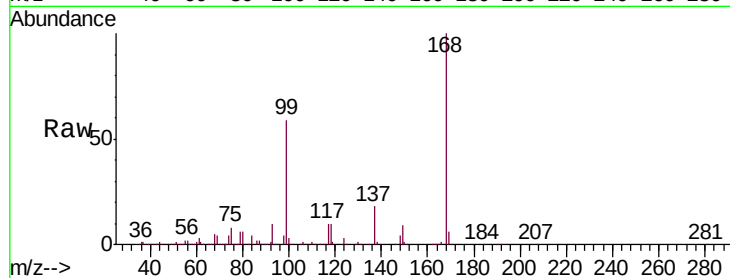
VW0512SBL01

Tgt Ion:168 Resp: 1245642

Ion Ratio Lower Upper

168 100

99 59.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

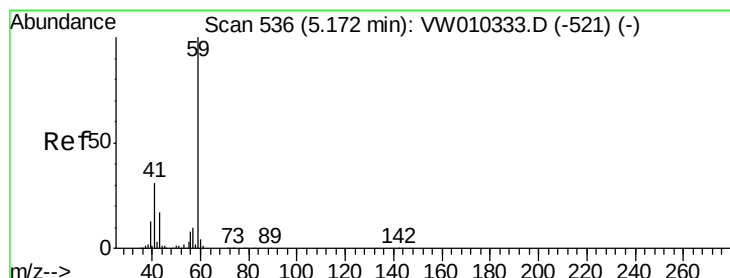
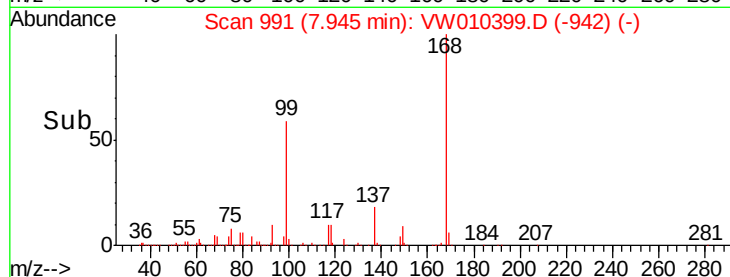
600000

400000

200000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.215 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW010399.D

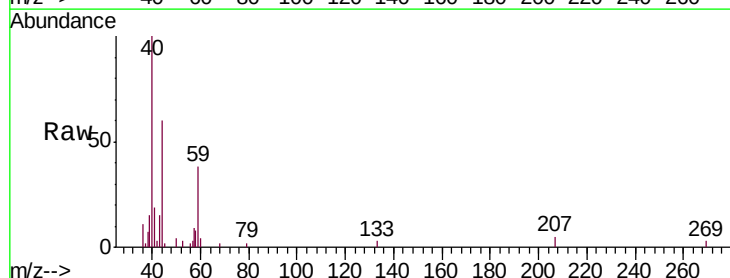
Acq: 12 May 2019 10:39

Tgt Ion: 59 Resp: 3007

Ion Ratio Lower Upper

59 100

57 19.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

1000

800

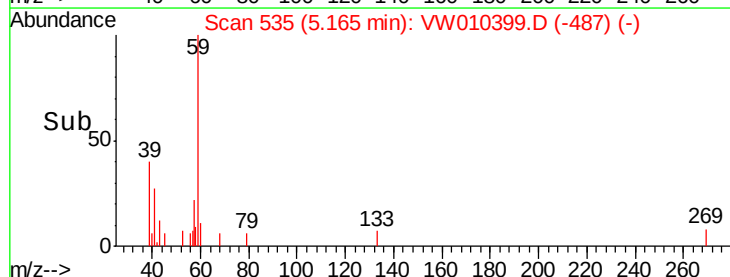
600

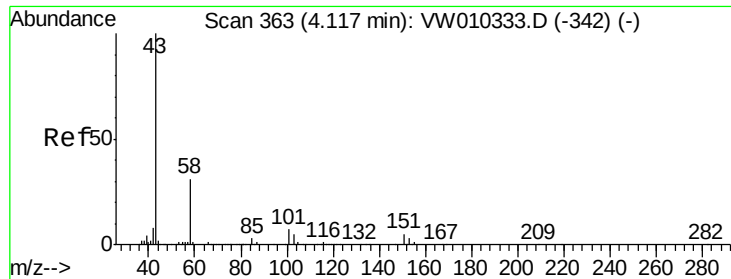
400

200

0

Time-->

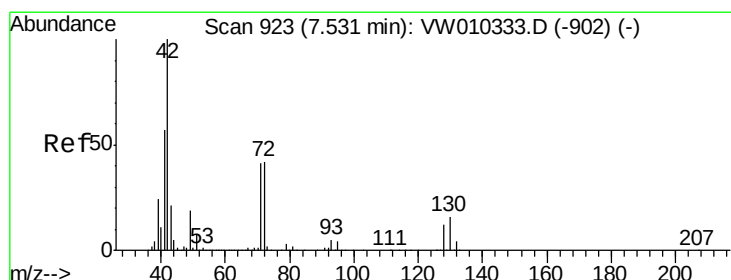
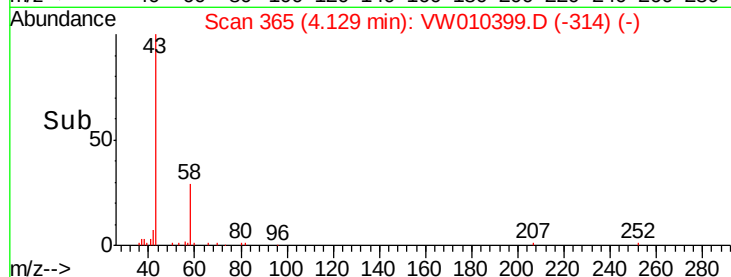
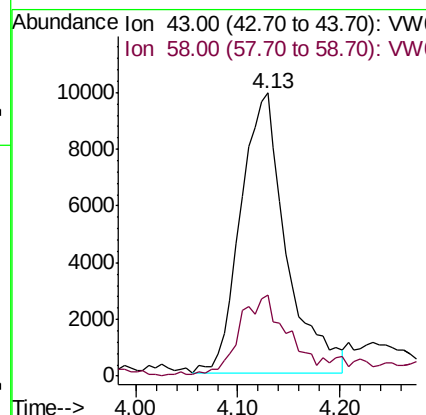
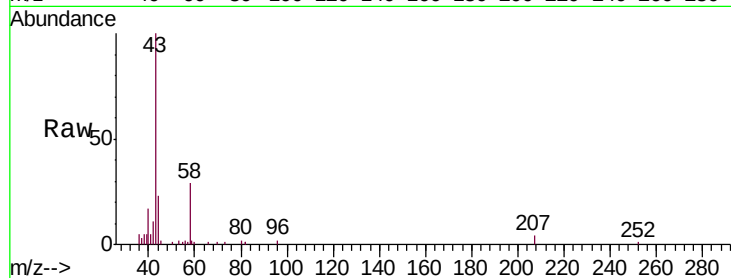




#16
Acetone
Concen: 8.889 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

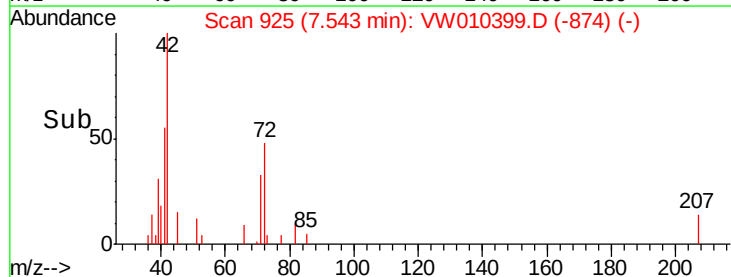
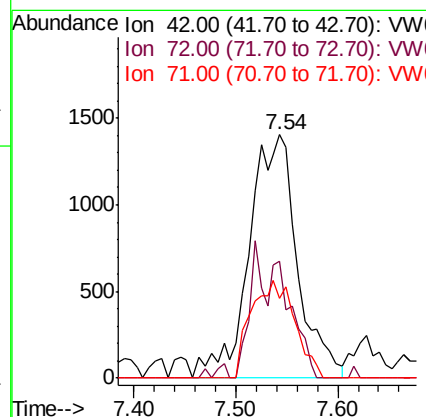
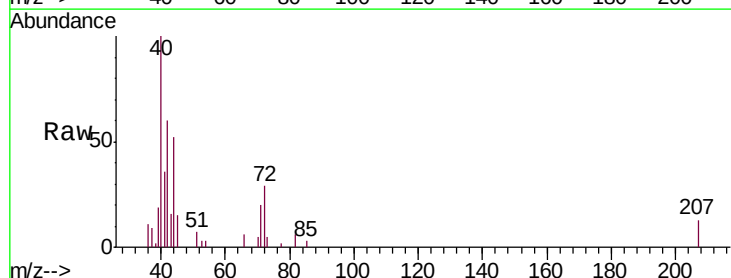
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBL01

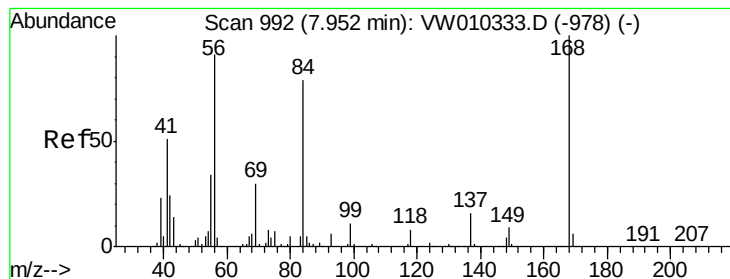
Tgt Ion: 43 Resp: 30687
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1



#29
Tetrahydrofuran
Concen: 1.352 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Tgt Ion: 42 Resp: 4618
Ion Ratio Lower Upper
42 100
72 21.5 31.0 46.6#
71 36.1 29.7 44.5





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010399.D

Acq: 12 May 2019 10:39

Instrument :

MSVOA_W

ClientSampled :

VW0512SBL01

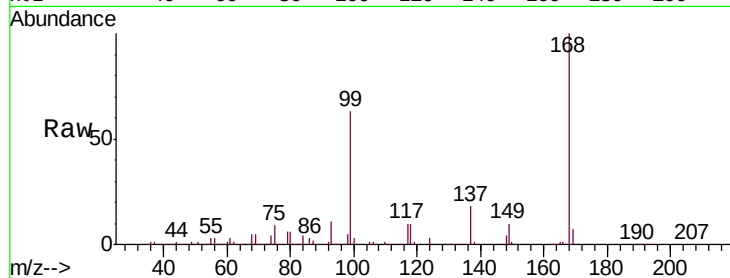
Tgt Ion: 56 Resp: 31186

Ion Ratio Lower Upper

56 100

69 183.2 26.6 40.0#

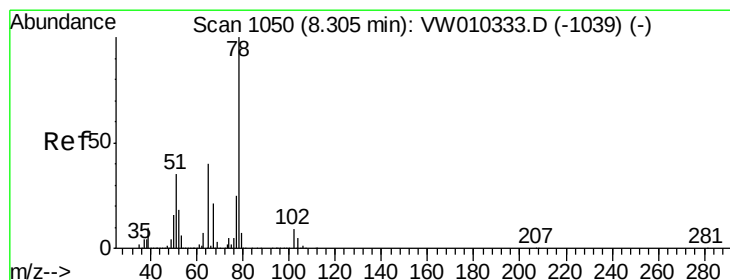
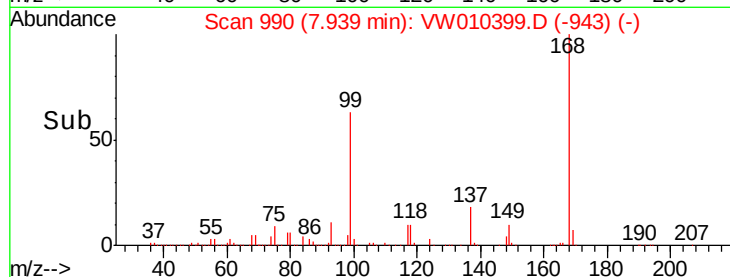
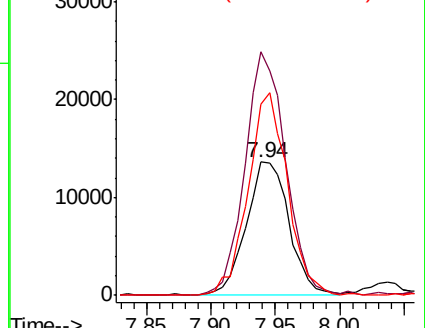
84 144.3 66.2 99.2#



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: 47.675 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010399.D

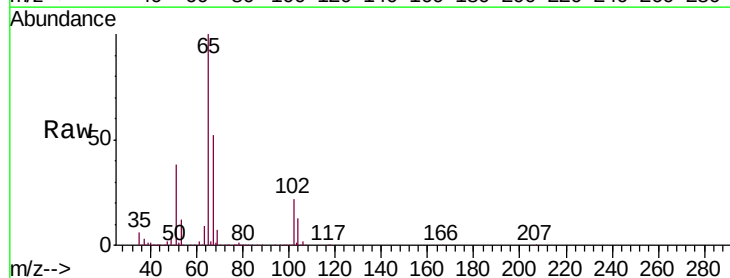
Acq: 12 May 2019 10:39

Tgt Ion: 65 Resp: 631353

Ion Ratio Lower Upper

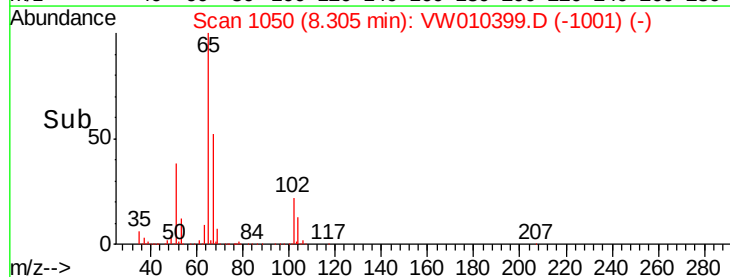
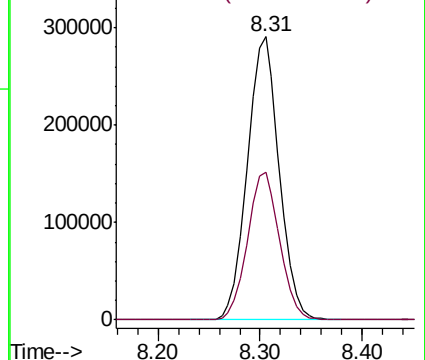
65 100

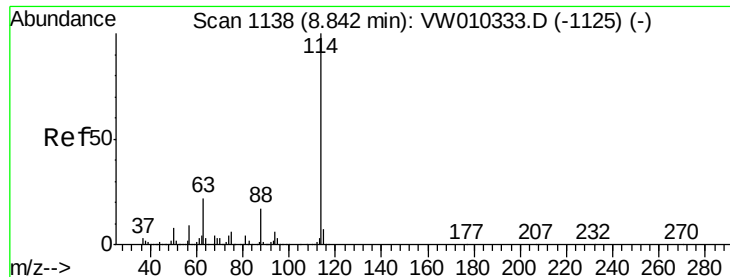
67 52.5 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

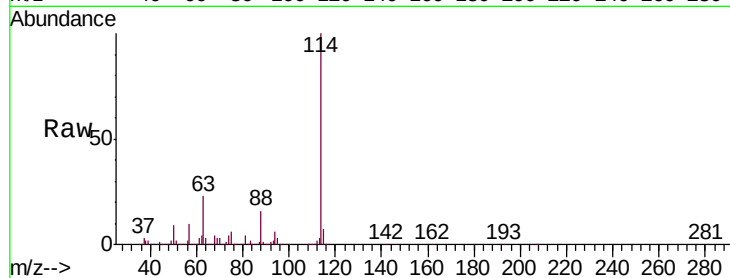




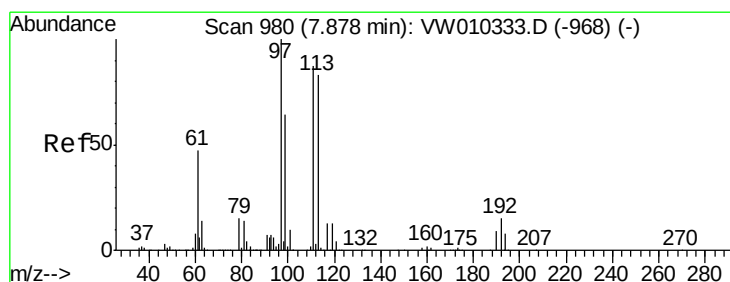
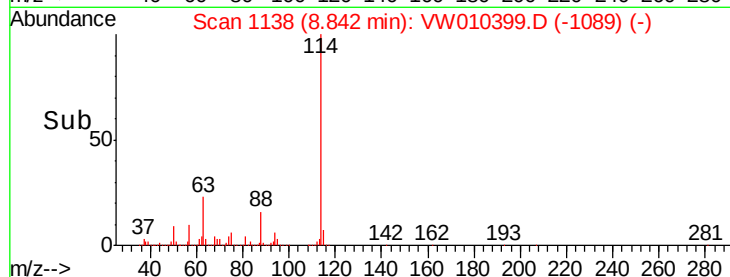
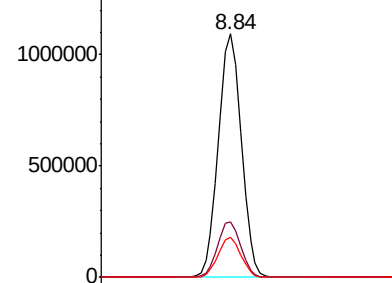
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010399.D
 Acq: 12 May 2019 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0512SBL01

Tgt Ion:114 Resp: 2119089
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.2
 88 16.3 0.0 32.6

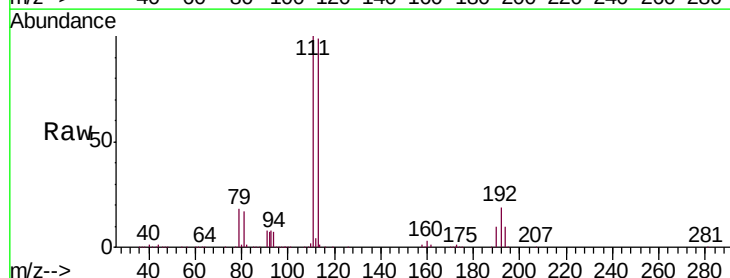


Abundance Ion 113.90 (113.60 to 114.60): V
 1500000
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

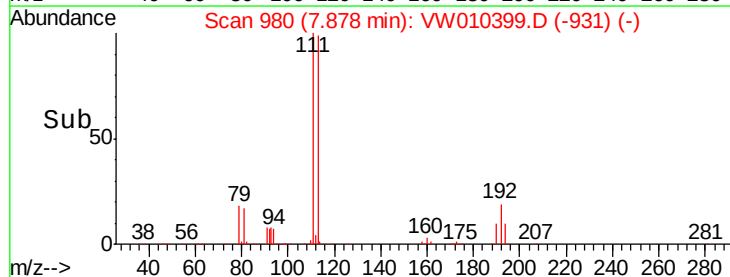
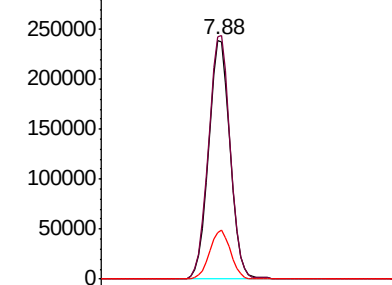


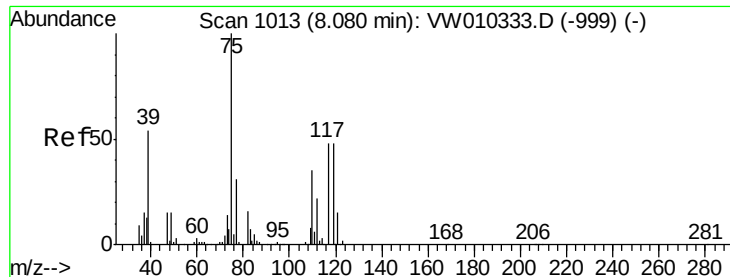
#35
 Dibromofluoromethane
 Concen: 45.580 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010399.D
 Acq: 12 May 2019 10:39

Tgt Ion:113 Resp: 565217
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 20.1 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 300000
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW010399.D

Acq: 12 May 2019 10:39

Instrument :

MSVOA_W

ClientSampleId :

VW0512SBL01

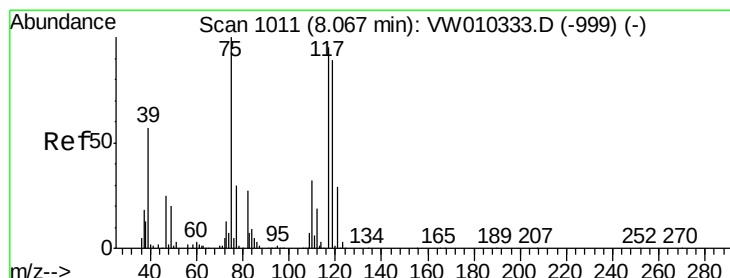
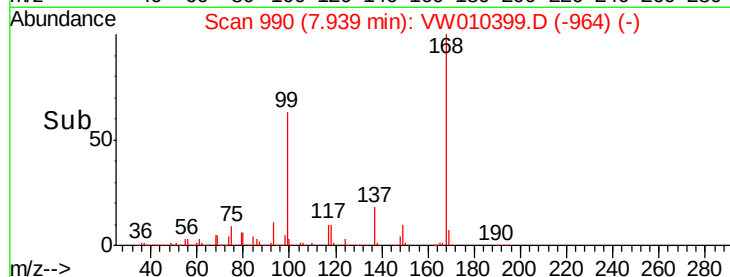
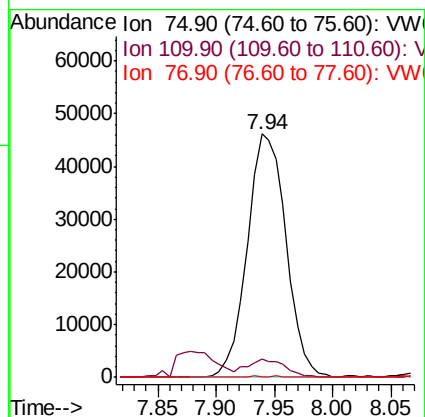
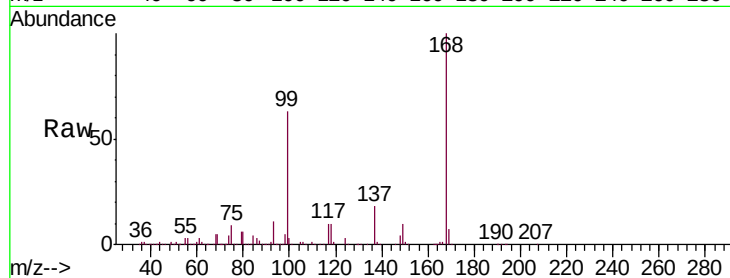
Tgt Ion: 75 Resp: 106732

Ion Ratio Lower Upper

75 100

110 7.4 16.6 49.8#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.409 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010399.D

Acq: 12 May 2019 10:39

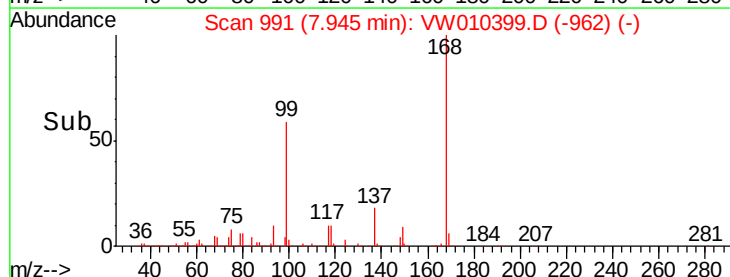
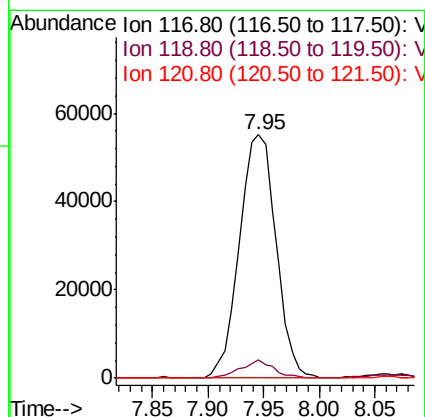
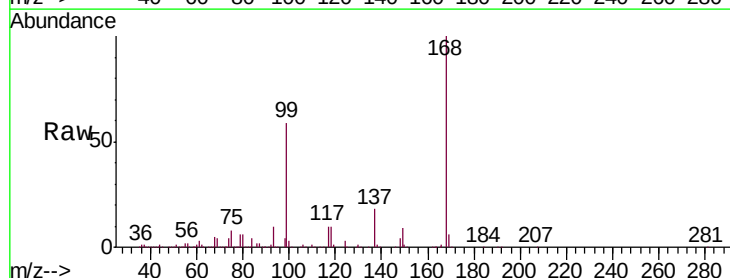
Tgt Ion: 117 Resp: 126230

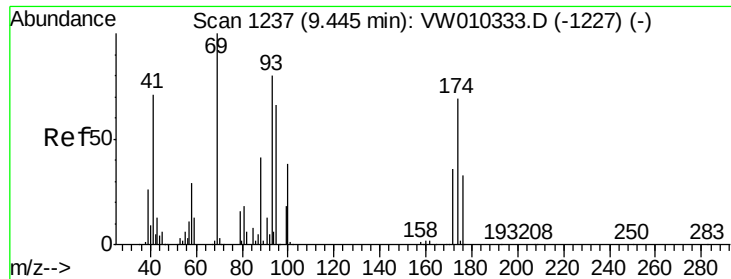
Ion Ratio Lower Upper

117 100

119 7.3 75.3 112.9#

121 0.0 24.4 36.6#

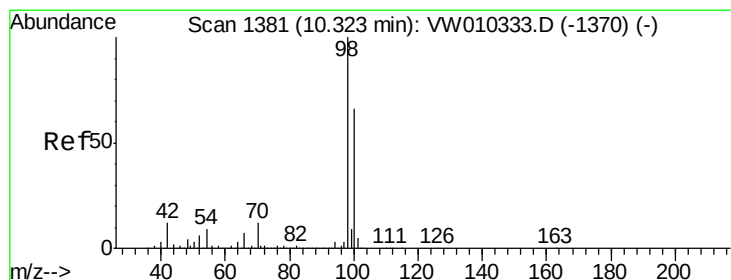
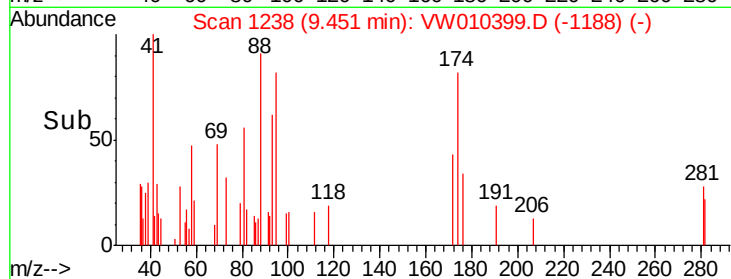
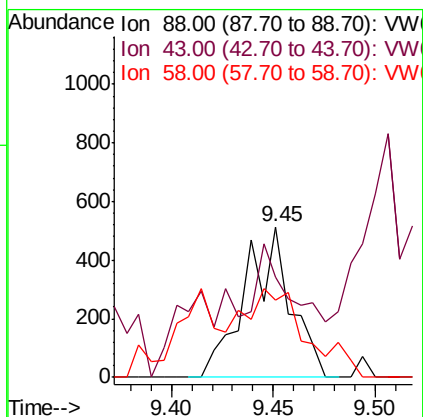
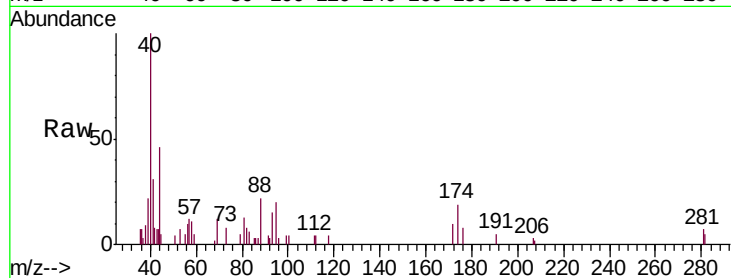




#49
1,4-Dioxane
Concen: 5.663 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

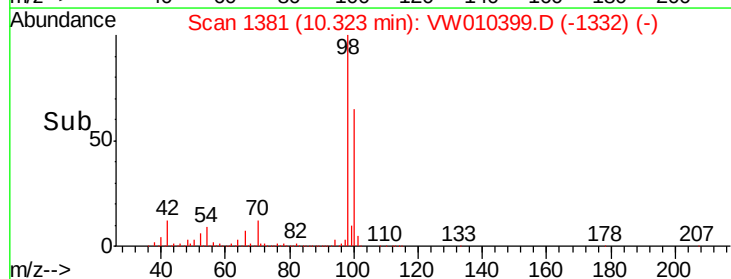
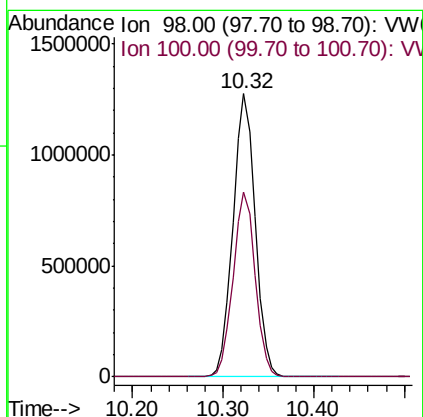
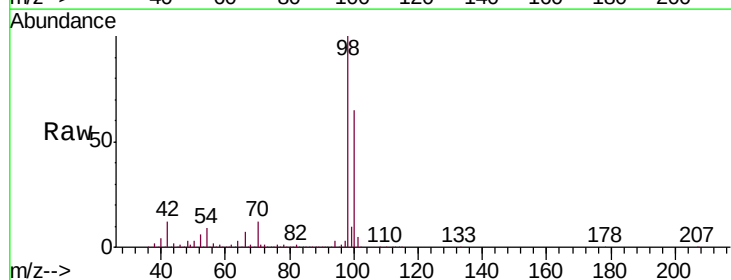
Instrument :
MSVOA_W
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VW0512SBL01

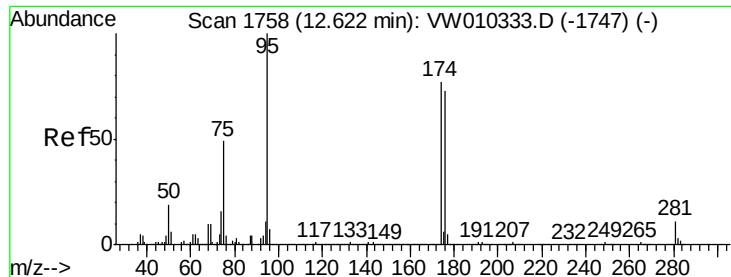
Tgt Ion: 88 Resp: 798
Ion Ratio Lower Upper
88 100
43 65.7 31.9 47.9#
58 81.6 61.8 92.6



#50
Toluene-d8
Concen: 42.936 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Tgt Ion: 98 Resp: 2168086
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

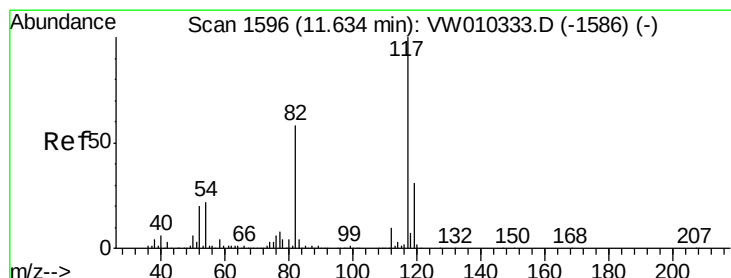
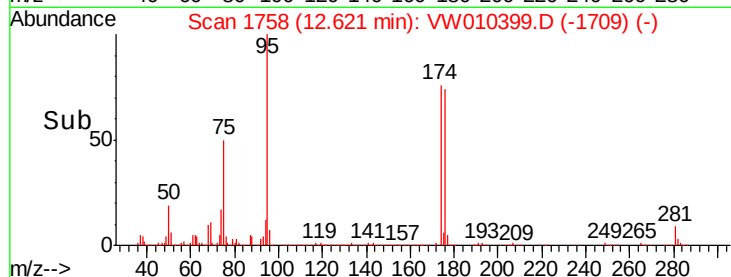
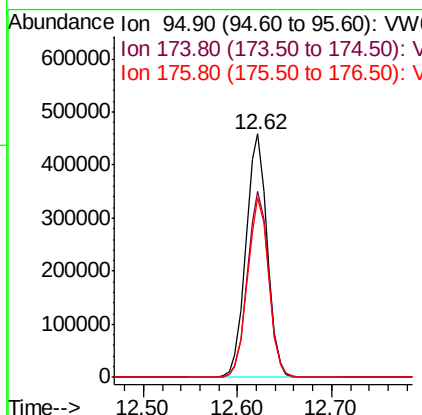
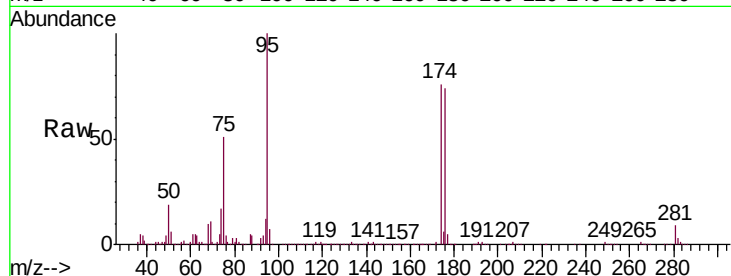




#62
4-Bromofluorobenzene
Concen: 40.615 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

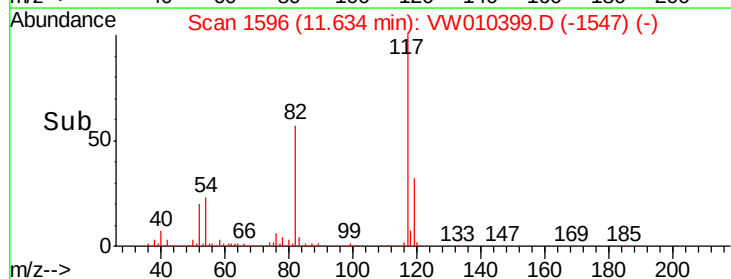
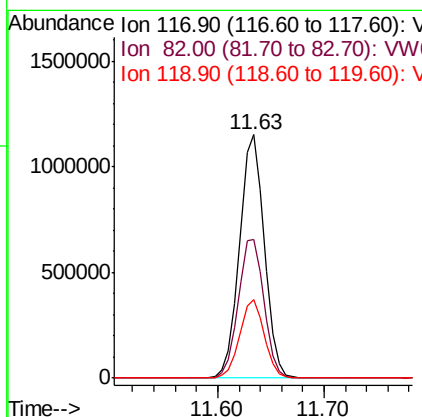
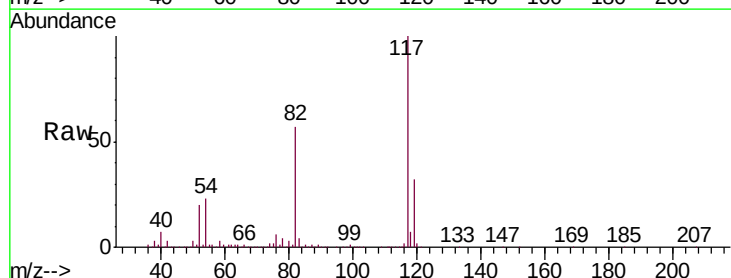
Instrument :
MSVOA_W
ClientSampleId :
VW0512SBL01

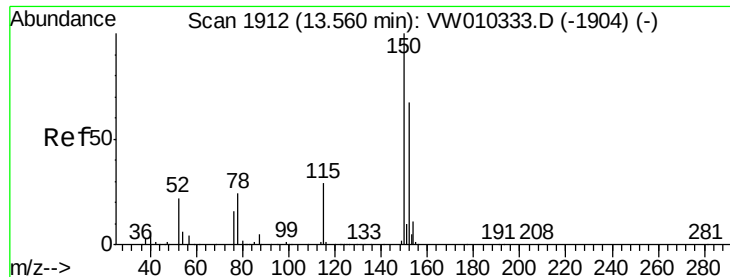
Tgt Ion: 95 Resp: 721930
Ion Ratio Lower Upper
95 100
174 77.0 0.0 151.4
176 74.0 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Tgt Ion: 117 Resp: 1888647
Ion Ratio Lower Upper
117 100
82 57.1 45.2 67.8
119 32.2 25.4 38.2



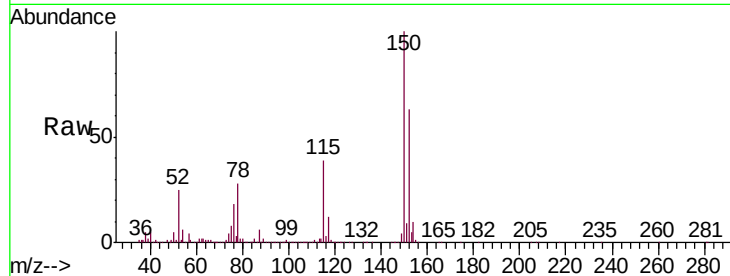


#72

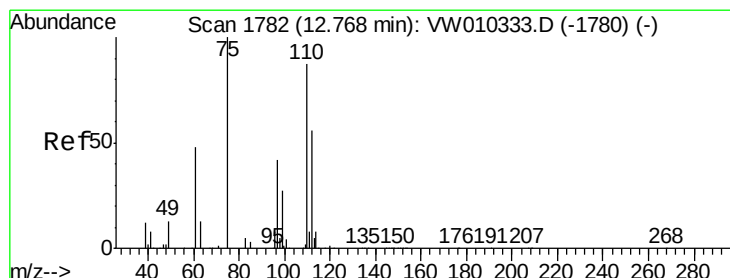
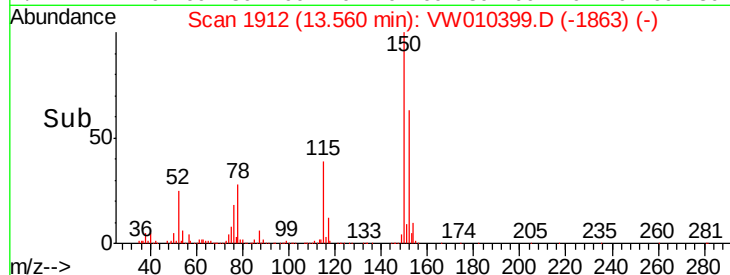
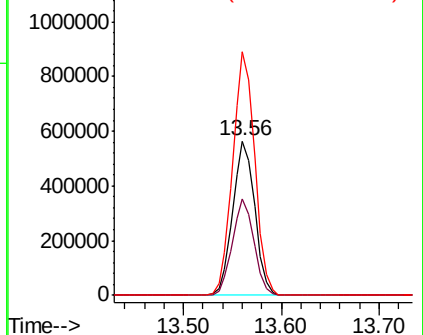
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBL01

Tgt Ion:152 Resp: 880783
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.2
150 157.7 0.0 347.0



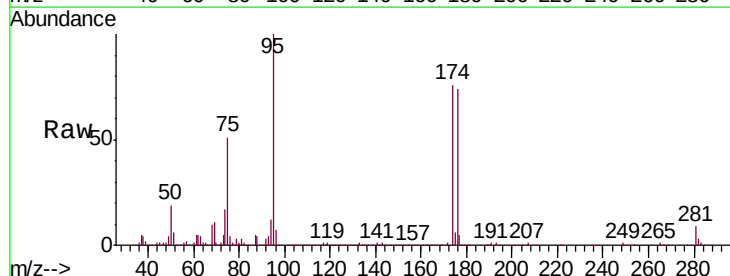
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



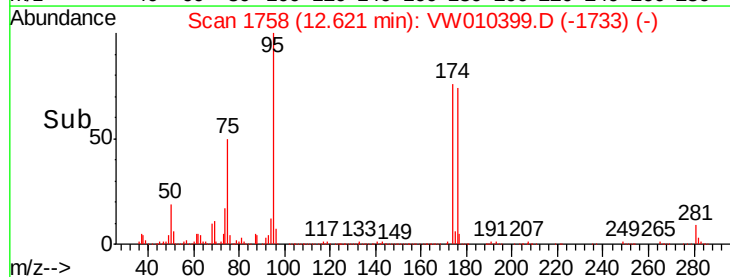
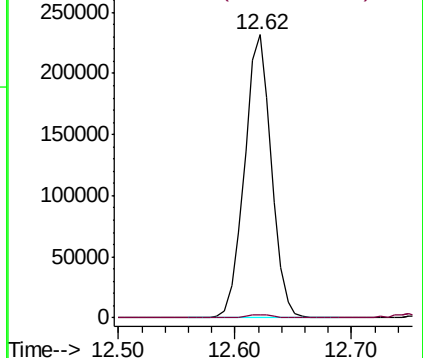
#76

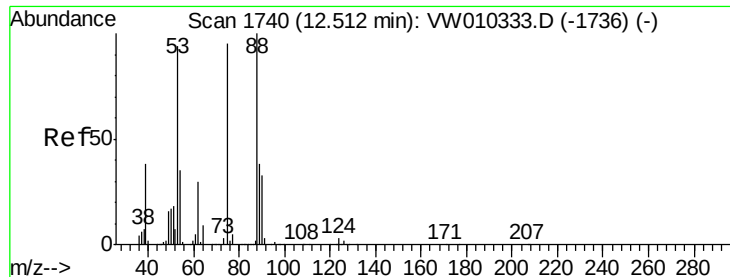
1,2,3-Trichloropropane
Concen: 36.276 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Tgt Ion: 75 Resp: 372521
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

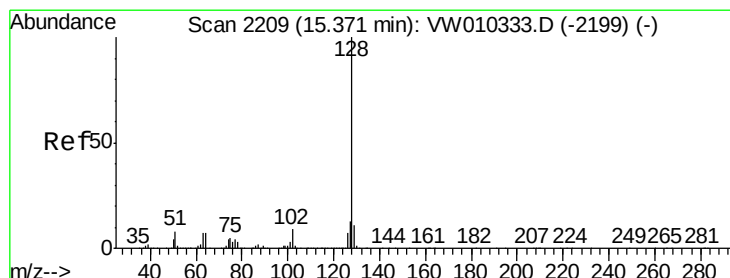
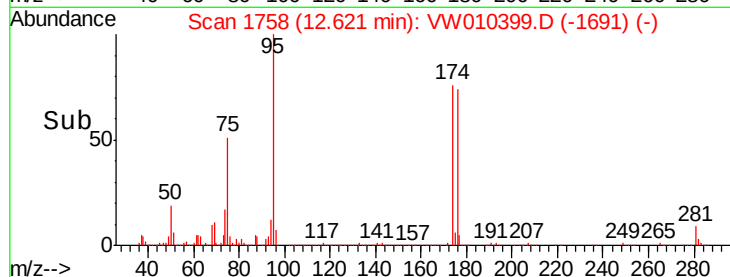
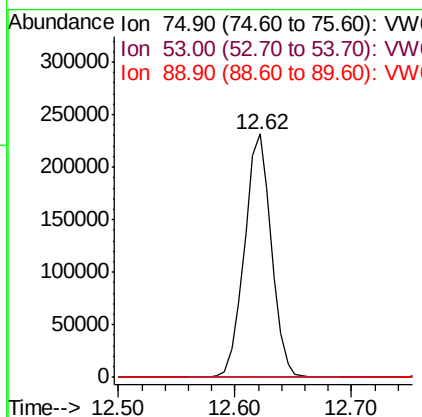
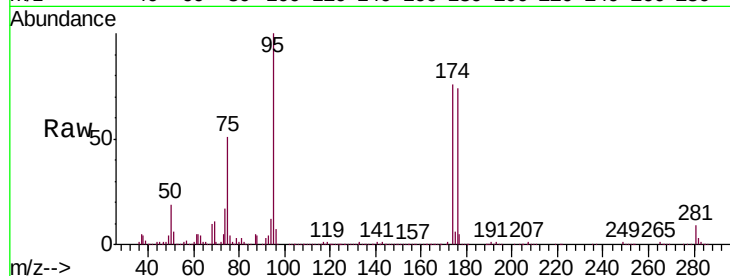




#81
trans-1,4-Dichloro-2-butene
Concen: 81.921 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Instrument :
MSVOA_W
ClientSampleId :
VW0512SBL01

Tgt Ion: 75 Resp: 372521
Ion Ratio Lower Upper
75 100
53 0.2 89.8 134.8#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 3.811 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010399.D
Acq: 12 May 2019 10:39

Tgt Ion: 128 Resp: 9312
Ion Ratio Lower Upper
128 100
127 17.9 10.6 15.8#
129 11.5 8.7 13.1

