

Data File : VW008286.D
Acq On : 15 Jan 2019 17:22
Operator : SY/VA
Sample : K1147-04
Misc : 4.43G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Quant Time: Jan 16 00:52:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57052	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	49651	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	7.88	113	48378	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.32	98	189682	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	60057	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	

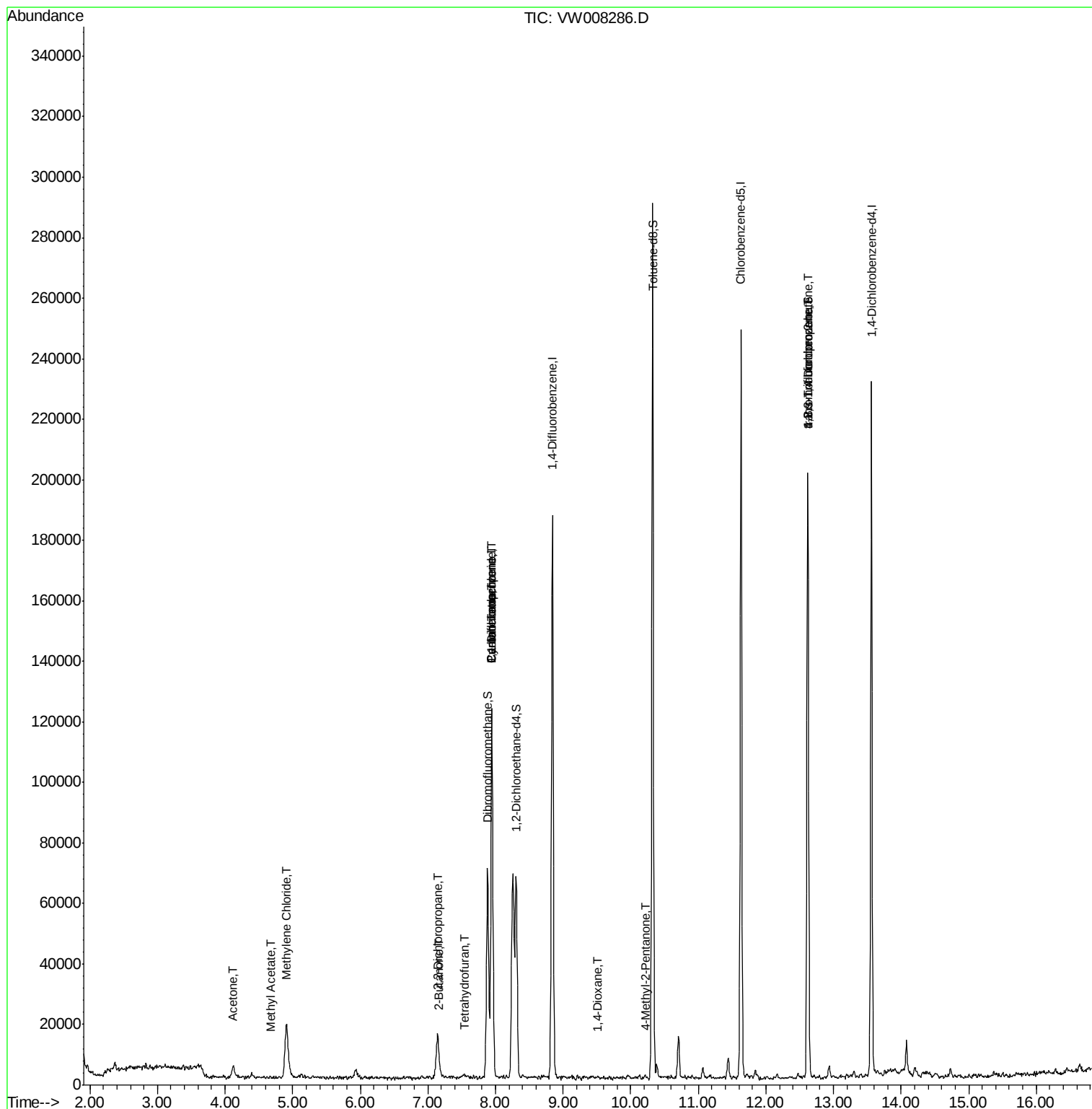
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.22	59	65	Below Cal	#	100
13) Acrolein	3.88	56	67	Below Cal	#	1
16) Acetone	4.12	43	6388	16.361	ug/l	96
18) Methyl Acetate	4.68	43	707	1.137	ug/l #	85
20) Methylene Chloride	4.91	84	15013	11.830	ug/l	84
25) 2-Butanone	7.17	43	2198	8.031	ug/l #	73
26) 2,2-Dichloropropane	7.15	77	1372	1.047	ug/l #	53
29) Tetrahydrofuran	7.54	42	1142	6.246	ug/l	96
31) Cyclohexane	7.95	56	2288	1.105	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	7117	4.451	ug/l #	52
38) Carbon Tetrachloride	7.95	117	9392	6.418	ug/l #	16
49) 1,4-Dioxane	9.51	88	39	4.592	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	947	1.528	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	29808	57.313	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	29808	133.465	ug/l #	11

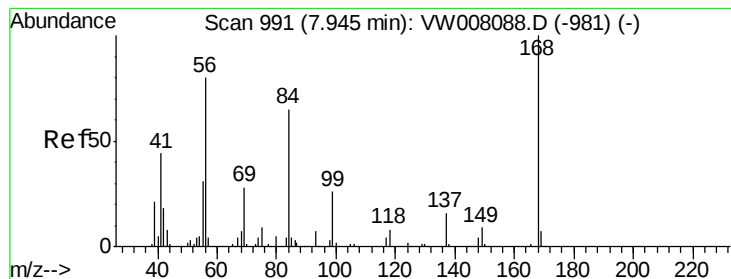
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008286.D
Acq On : 15 Jan 2019 17:22
Operator : SY/VA
Sample : K1147-04
Misc : 4.43G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Quant Time: Jan 16 00:52:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 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: VW008286.D

Acq: 15 Jan 2019 17:22

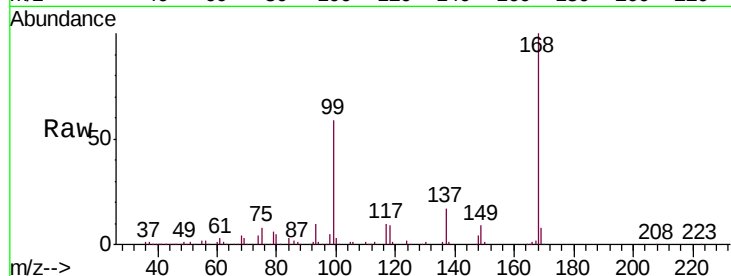
Instrument :
MSVOA_W
ClientSampled :
TP-2

Tgt Ion:168 Resp: 87526

Ion Ratio Lower Upper

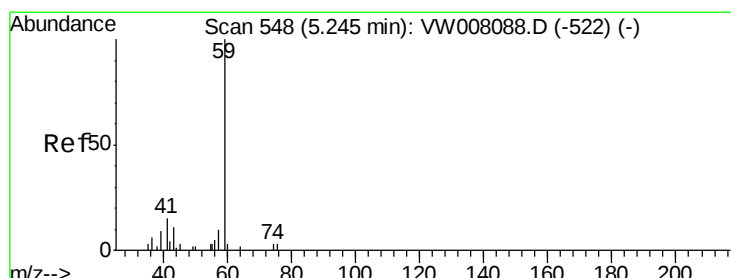
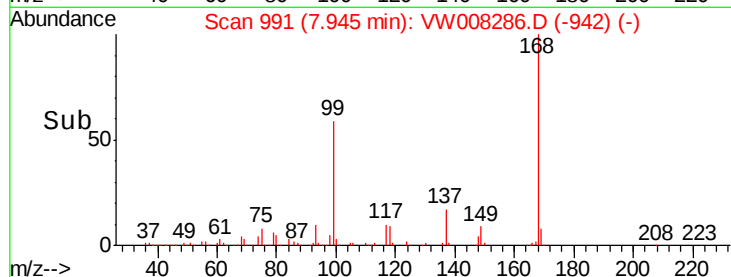
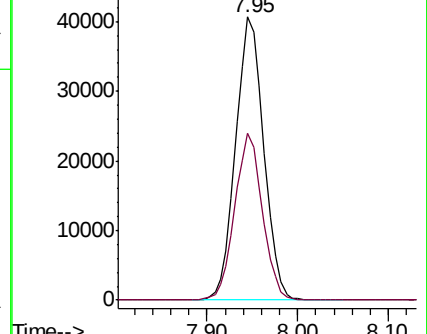
168 100

99 59.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. -0.02 min

Lab File: VW008286.D

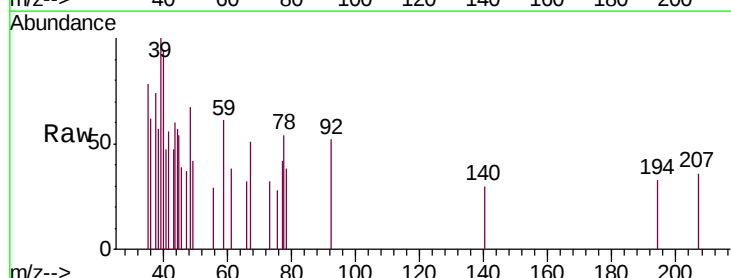
Acq: 15 Jan 2019 17:22

Tgt Ion: 59 Resp: 65

Ion Ratio Lower Upper

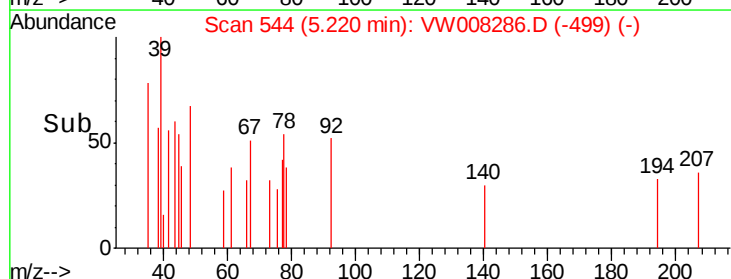
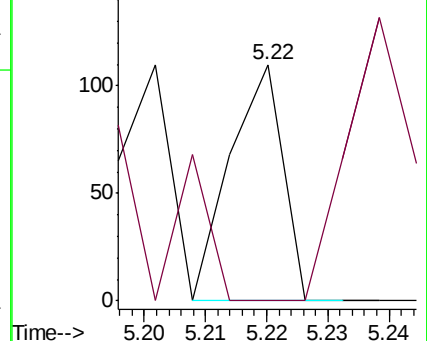
59 100

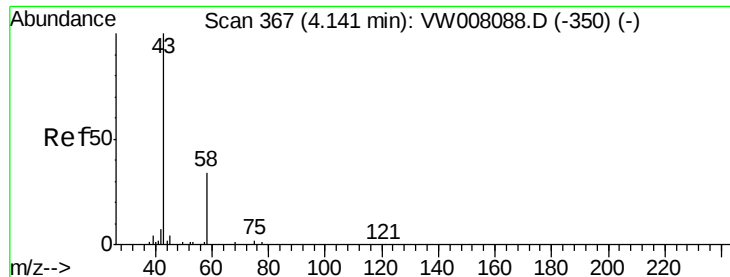
57 147.7 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

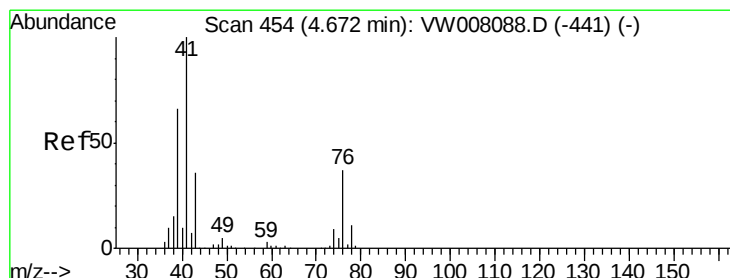
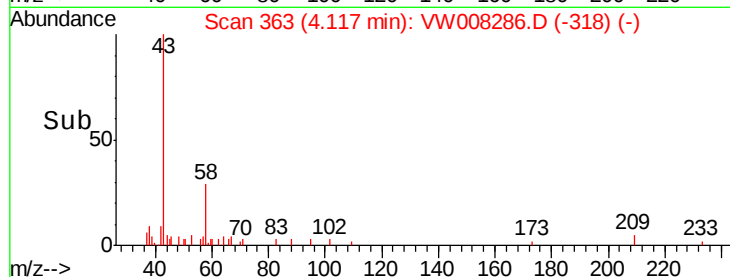
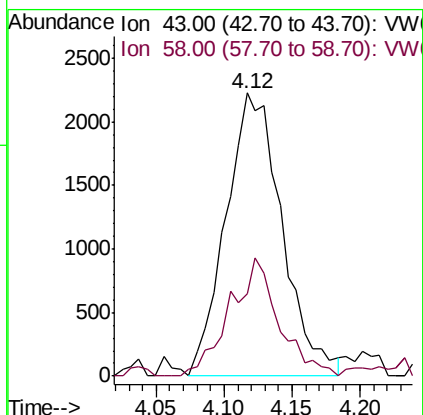
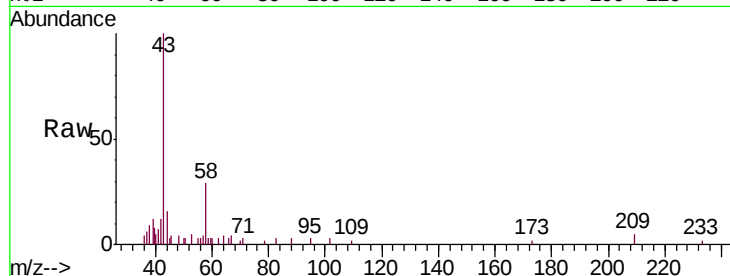




#16
Acetone
Concen: 16.361 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.02 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

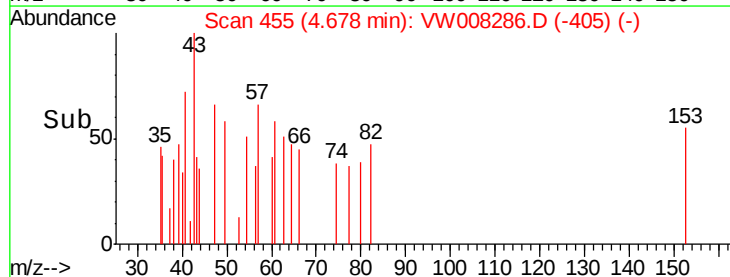
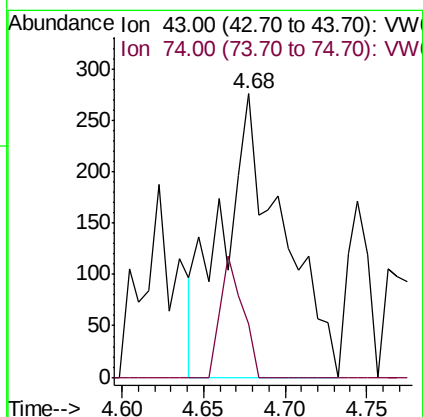
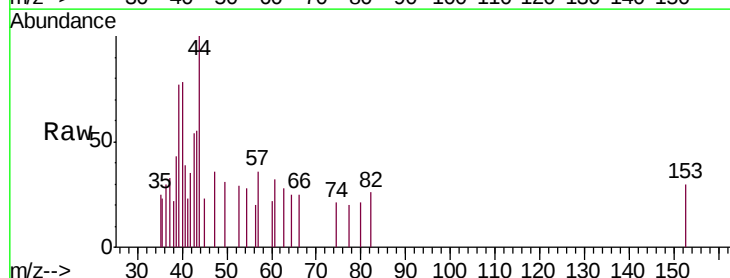
Instrument :
MSVOA_W
ClientSampled :
TP-2

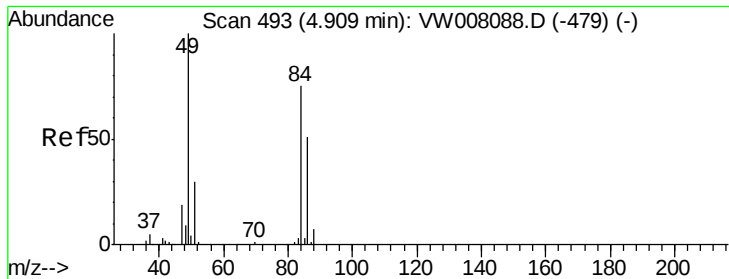
Tgt Ion: 43 Resp: 6388
Ion Ratio Lower Upper
43 100
58 32.2 27.5 41.3



#18
Methyl Acetate
Concen: 1.137 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
74 16.1 19.0 28.4#





#20

Methylene Chloride

Concen: 11.830 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tgt Ion: 84 Resp: 15013

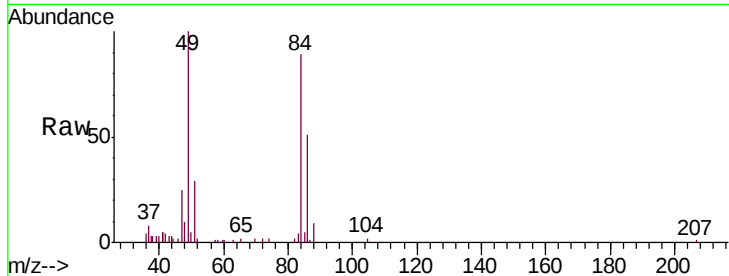
Ion Ratio Lower Upper

84 100

49 111.1 107.1 160.7

51 32.5 32.4 48.6

86 58.0 54.2 81.4



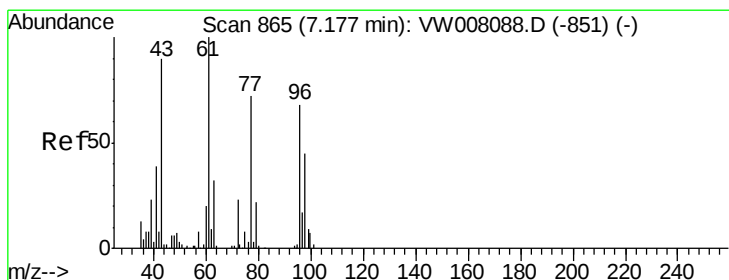
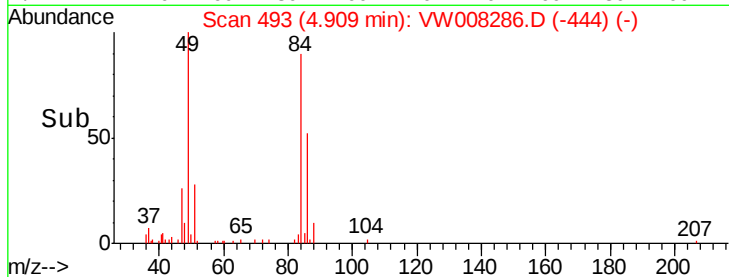
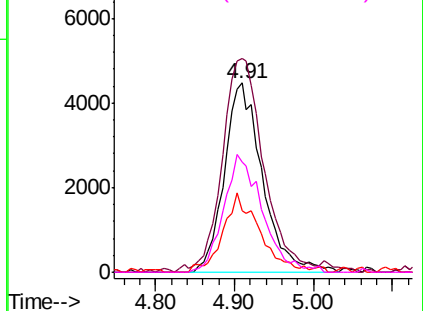
Abundance

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



#25

2-Butanone

Concen: 8.031 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008286.D

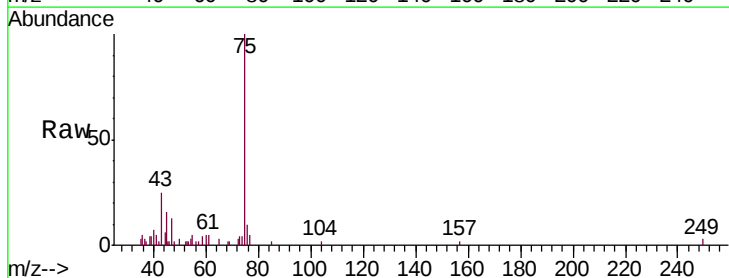
Acq: 15 Jan 2019 17:22

Tgt Ion: 43 Resp: 2198

Ion Ratio Lower Upper

43 100

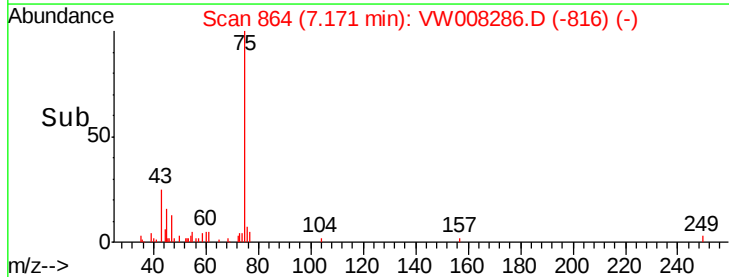
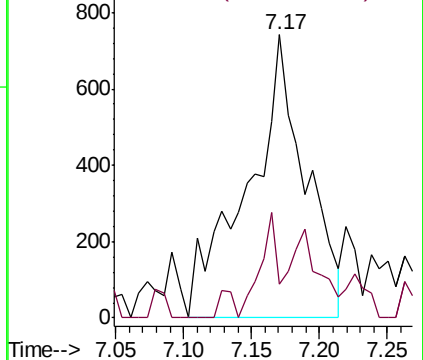
72 12.1 20.5 30.7#

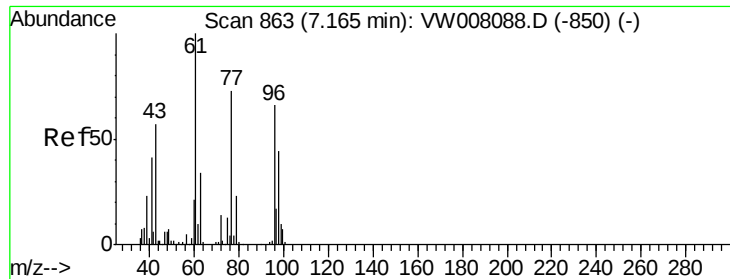


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 1.047 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

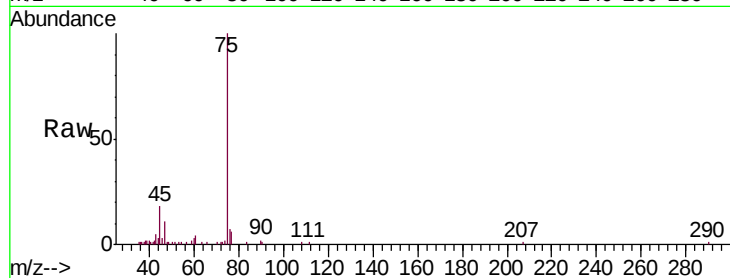
TP-2

Tgt Ion: 77 Resp: 1372

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.15

400

300

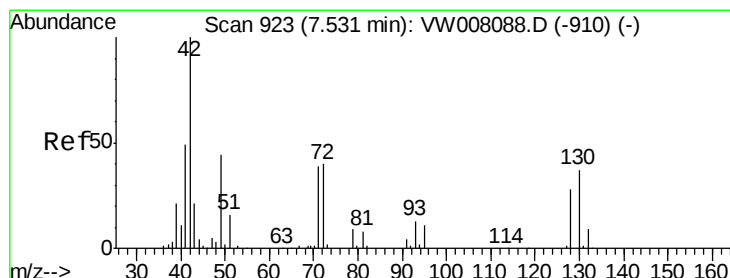
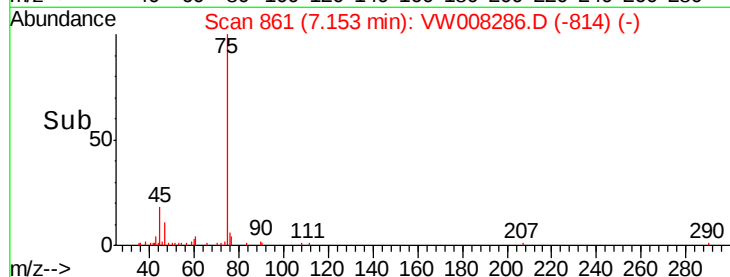
200

100

0

7.05 7.10 7.15 7.20

Time-->



#29

Tetrahydrofuran

Concen: 6.246 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

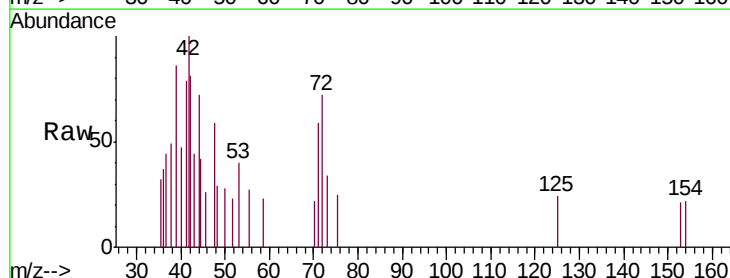
Tgt Ion: 42 Resp: 1142

Ion Ratio Lower Upper

42 100

72 36.3 32.4 48.6

71 39.8 31.3 46.9



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

600

500

400

300

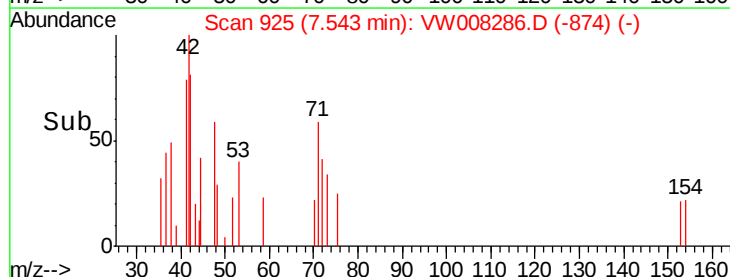
200

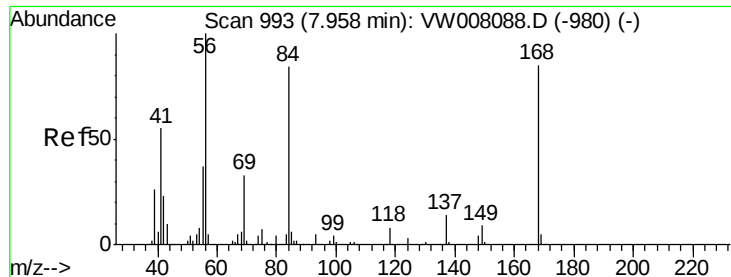
100

0

7.45 7.50 7.55 7.60

Time-->

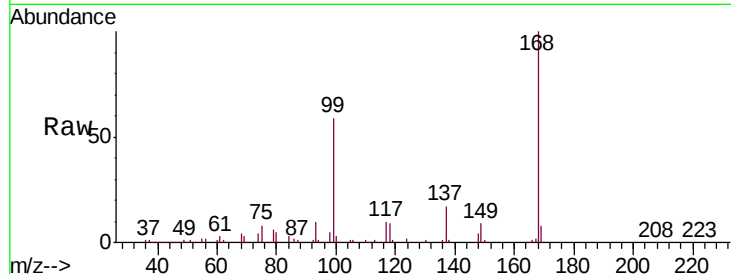




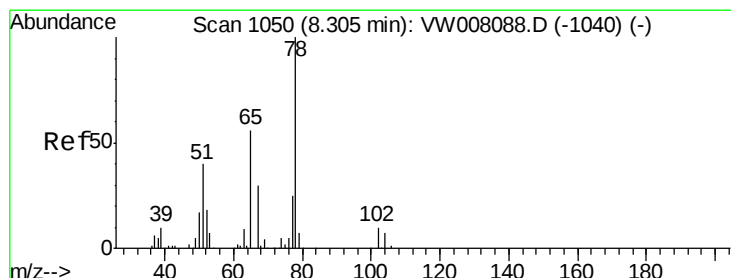
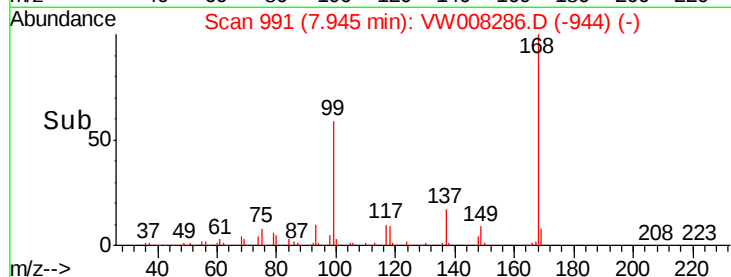
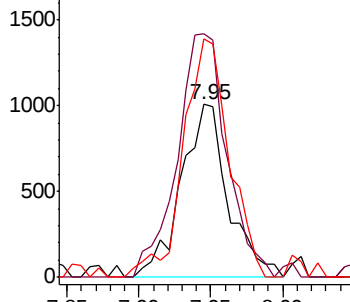
#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tgt Ion: 56 Resp: 2288
Ion Ratio Lower Upper
56 100
69 140.9 26.2 39.4#
84 138.0 67.4 101.2#

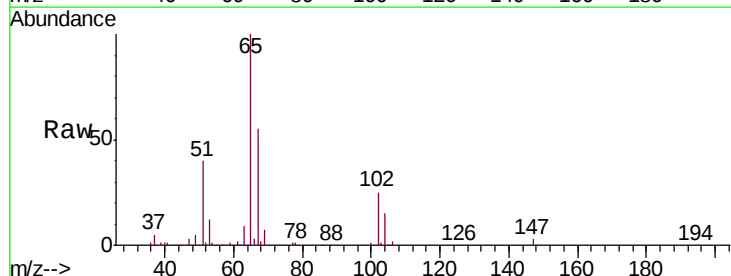


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

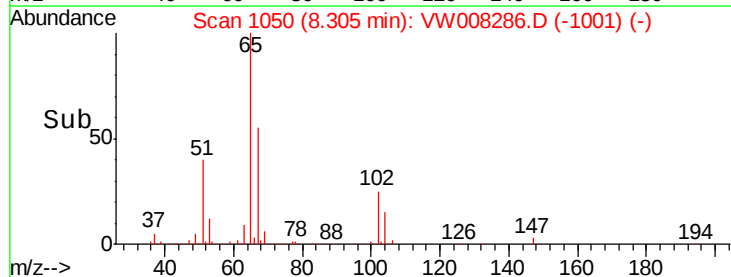
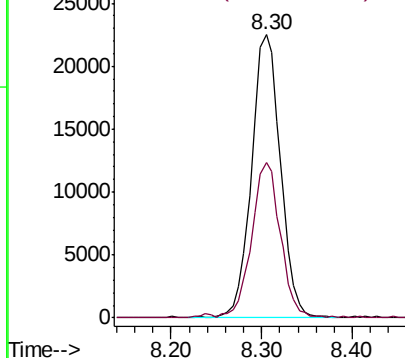


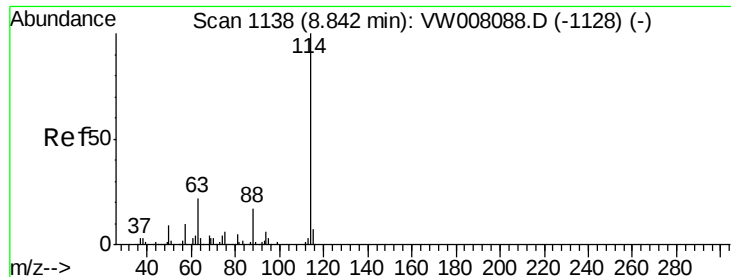
#33
1,2-Dichloroethane-d4
Concen: 50.473 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Tgt Ion: 65 Resp: 49651
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.8



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

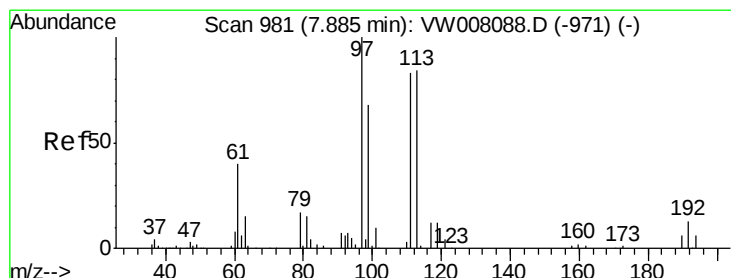
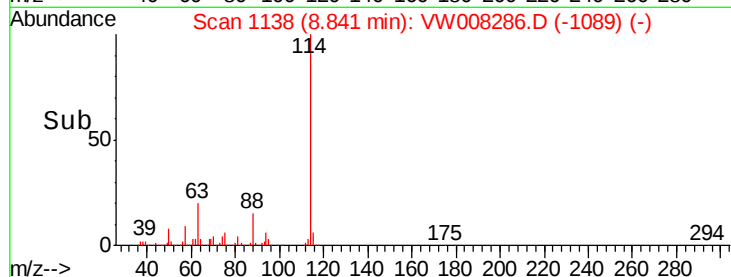
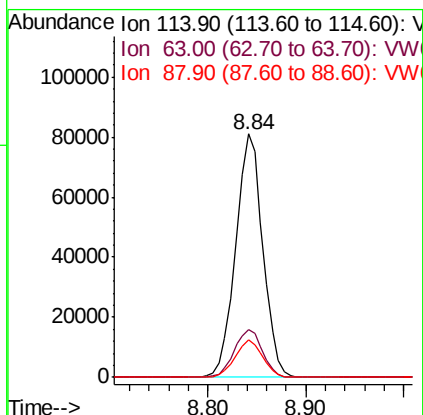
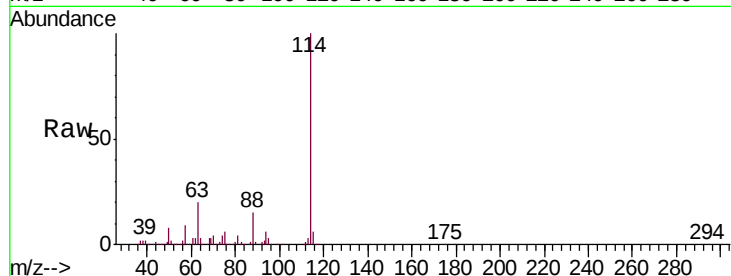




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

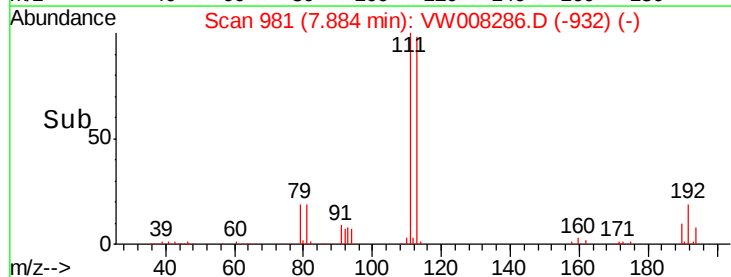
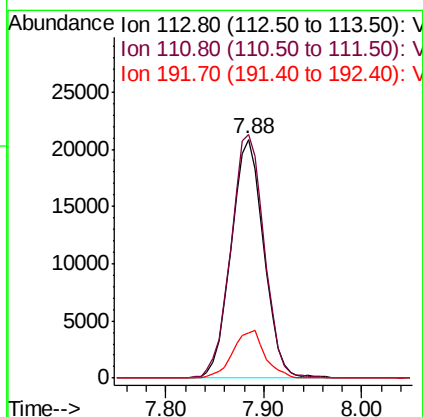
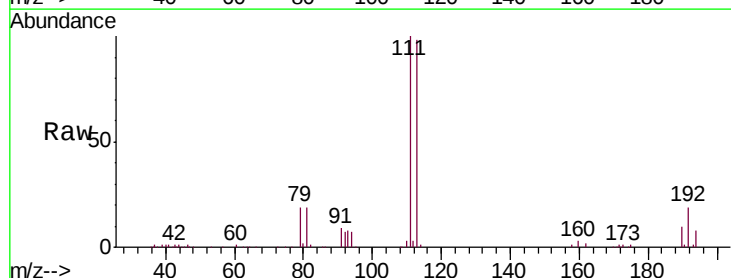
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

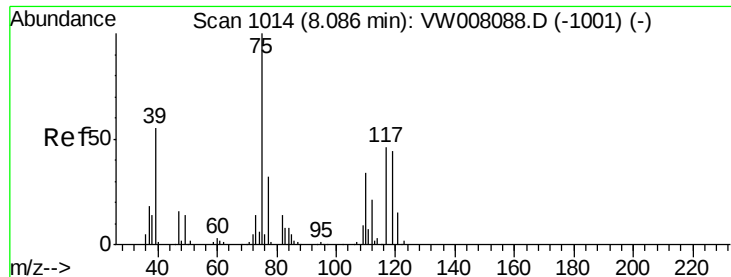
Tgt Ion:114 Resp: 155217
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.4
 88 15.4 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 53.440 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

Tgt Ion:113 Resp: 48378
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.8 122.8
 192 19.6 12.8 19.2#

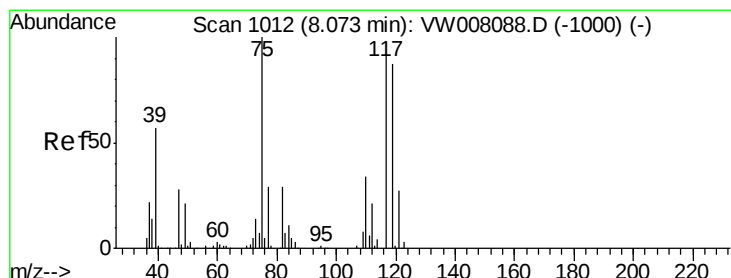
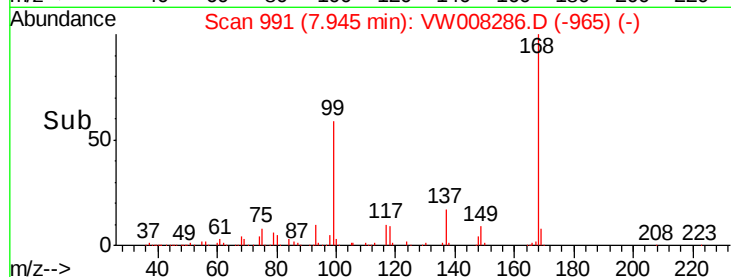
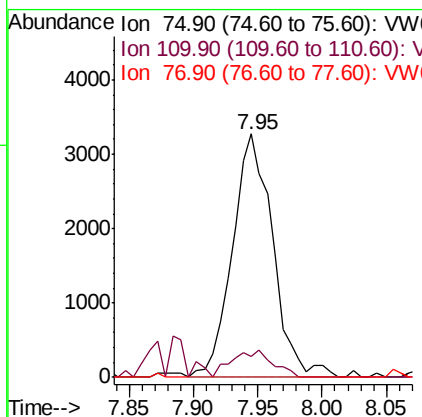
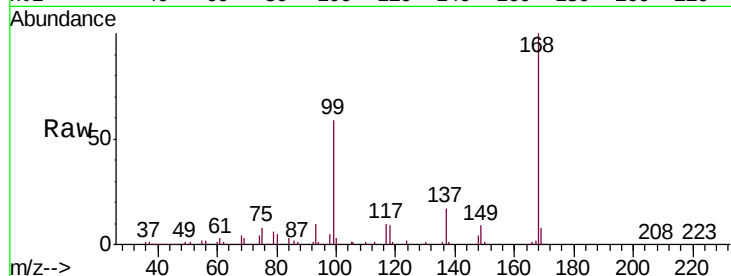




#36
 1,1-Dichloropropene
 Concen: 4.451 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

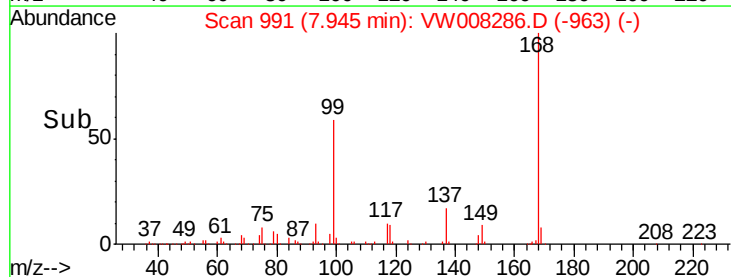
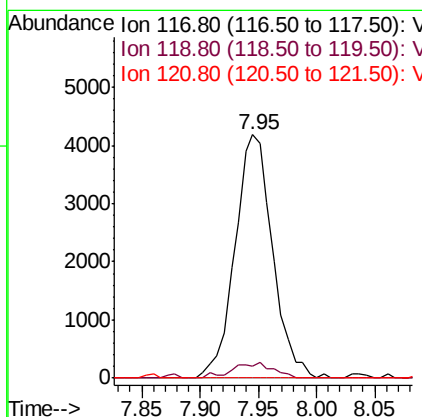
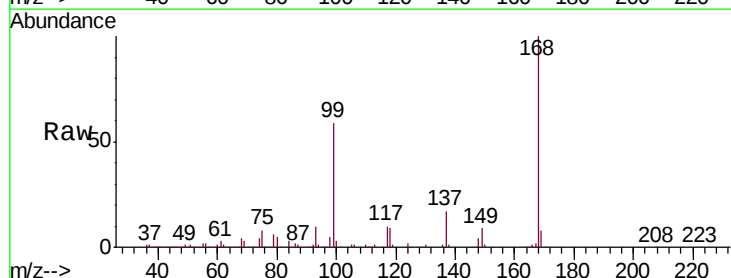
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2

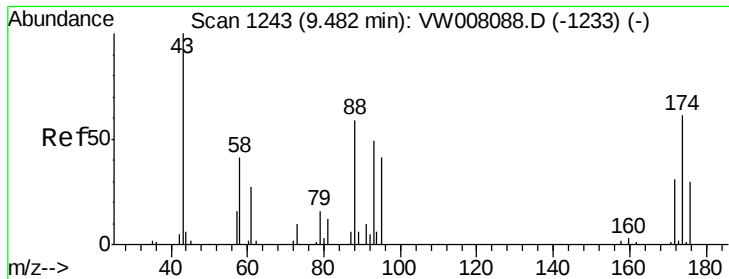
Tgt Ion: 75 Resp: 7117
 Ion Ratio Lower Upper
 75 100
 110 11.3 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.418 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

Tgt Ion: 117 Resp: 9392
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.8 113.8#
 121 0.0 23.7 35.5#

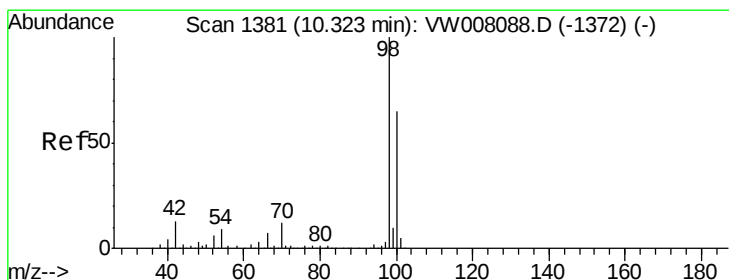
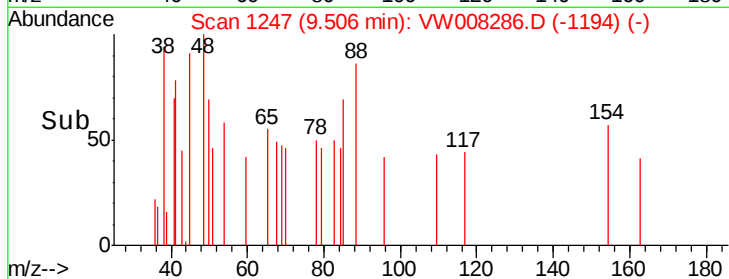
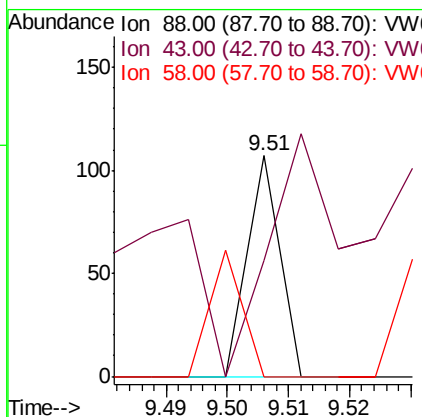
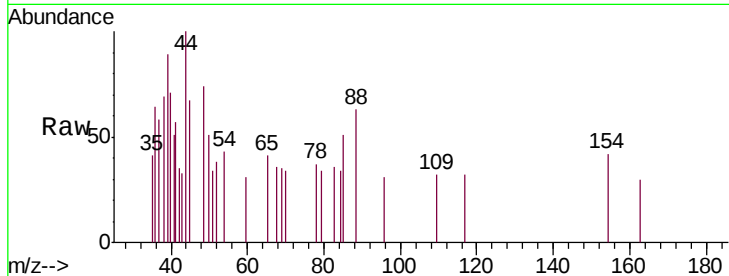




#49
 1,4-Dioxane
 Concen: 4.592 ug/l
 RT: 9.51 min Scan# 1247
 Delta R.T. 0.02 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

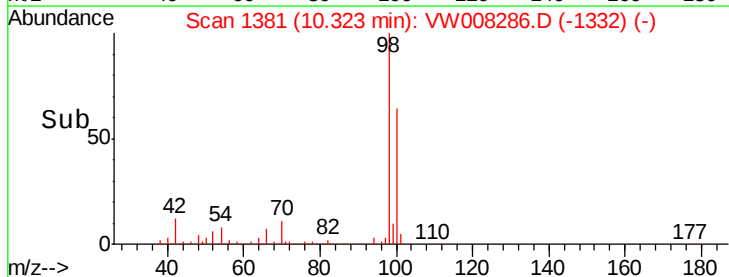
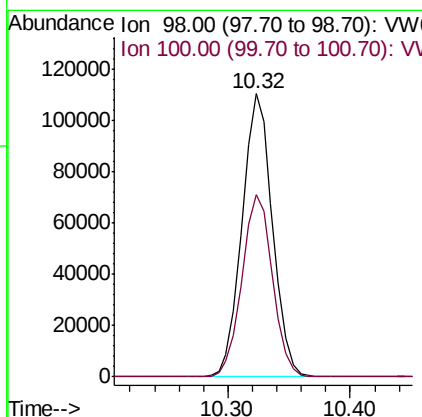
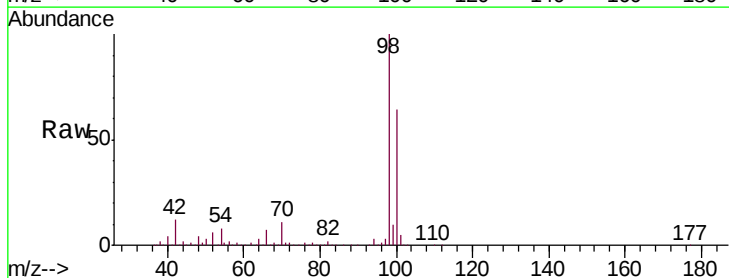
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2

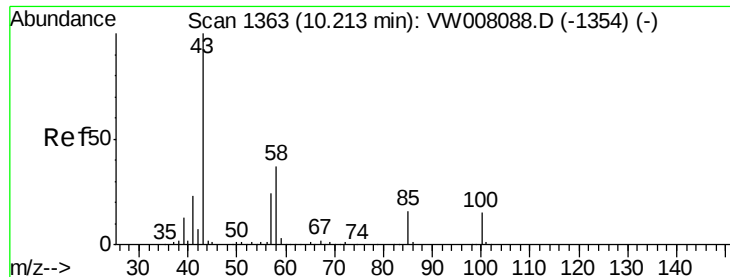
Tgt Ion: 88 Resp: 39
 Ion Ratio Lower Upper
 88 100
 43 284.6 0.0 0.0#
 58 56.4 61.7 92.5#



#50
 Toluene-d8
 Concen: 49.930 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

Tgt Ion: 98 Resp: 189682
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.7 77.5

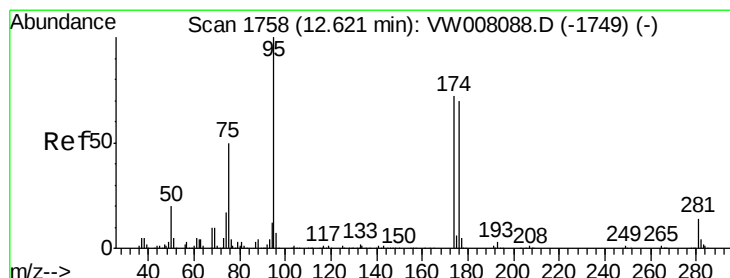
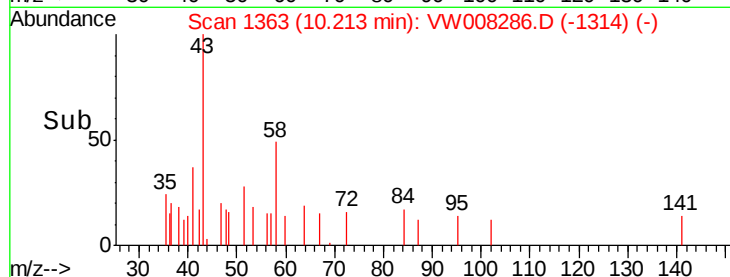
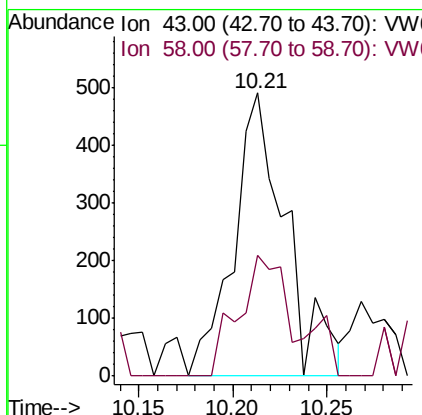
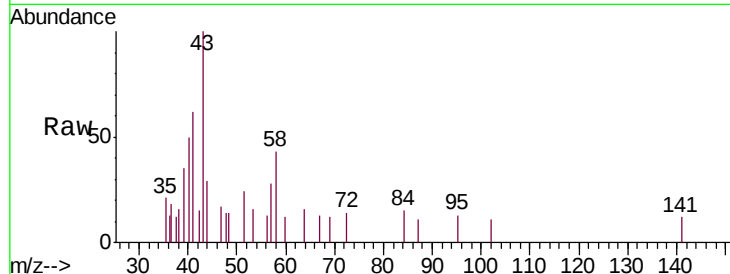




#51
 4-Methyl-2-Pentanone
 Concen: 1.528 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

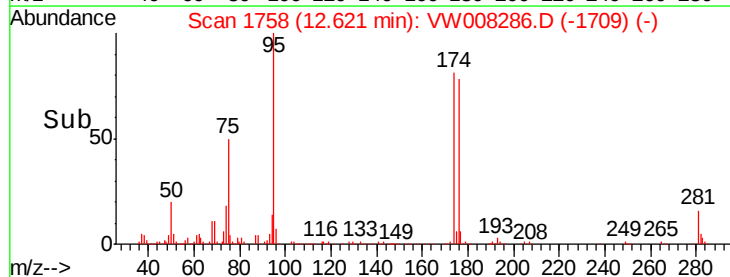
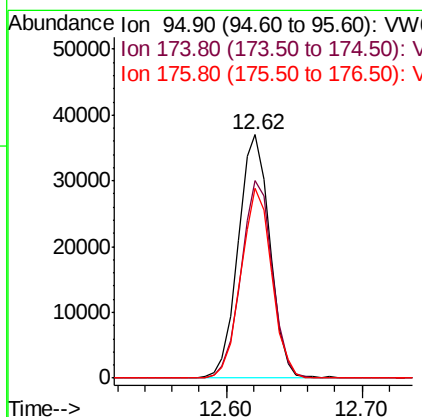
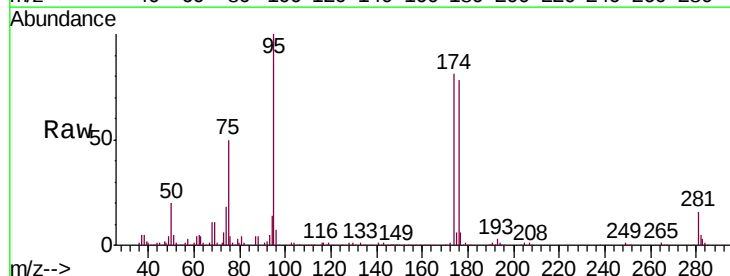
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2

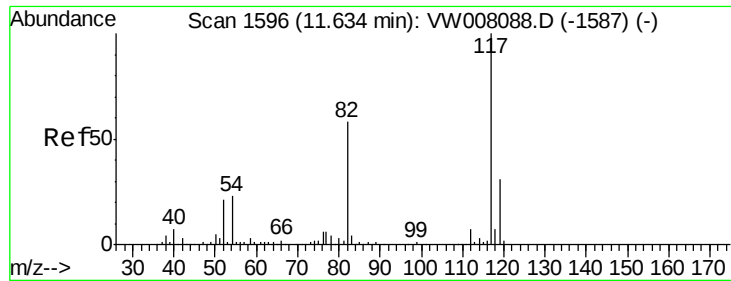
Tgt Ion: 43 Resp: 947
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.6 46.0



#62
 4-Bromofluorobenzene
 Concen: 44.098 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008286.D
 Acq: 15 Jan 2019 17:22

Tgt Ion: 95 Resp: 60057
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 143.0
 176 76.0 0.0 140.2

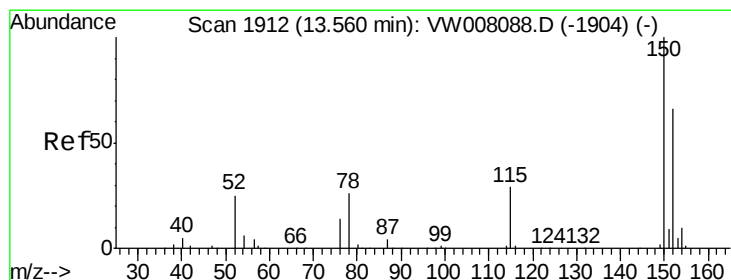
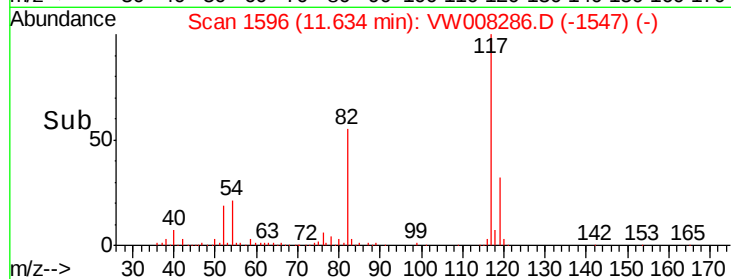
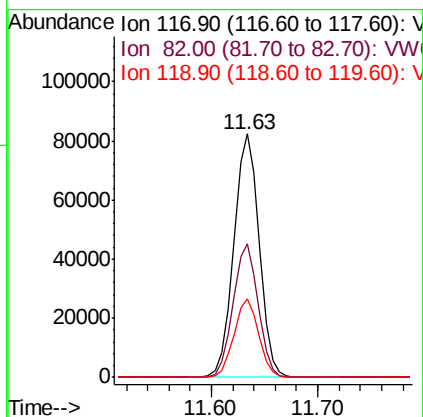
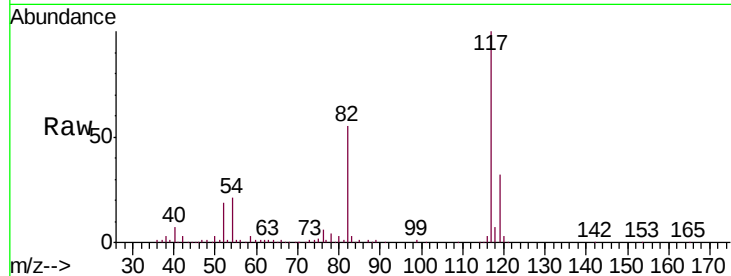




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

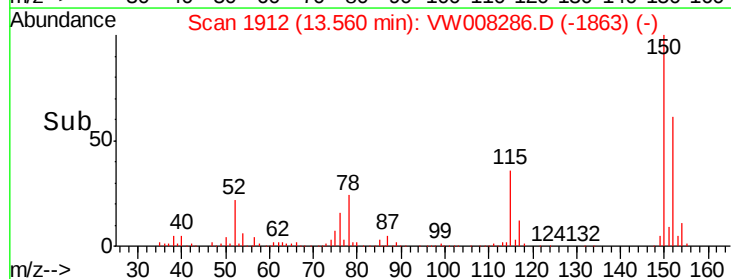
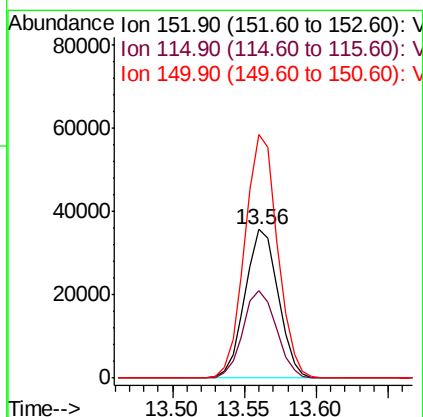
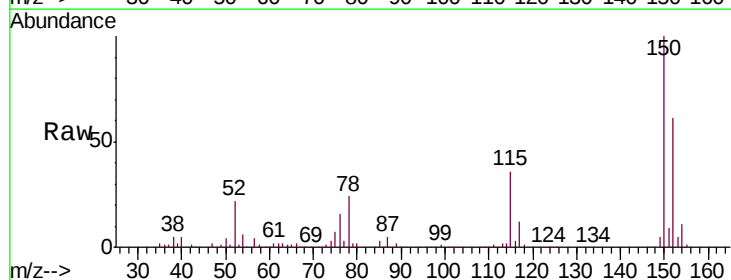
Instrument :
MSVOA_W
ClientSampled :
TP-2

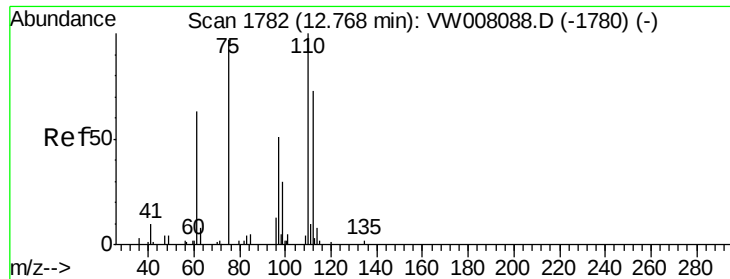
Tgt Ion:117 Resp: 137526
Ion Ratio Lower Upper
117 100
82 54.6 46.4 69.6
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Tgt Ion:152 Resp: 57052
Ion Ratio Lower Upper
152 100
115 59.3 30.8 92.4
150 161.7 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 57.313 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

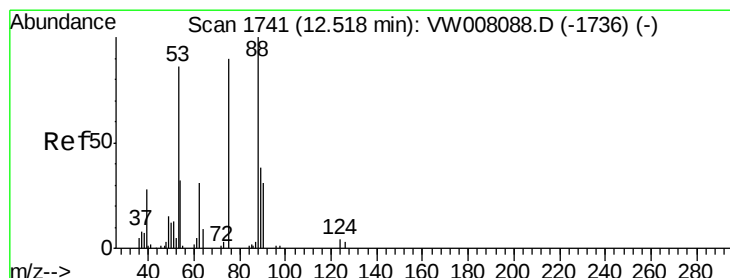
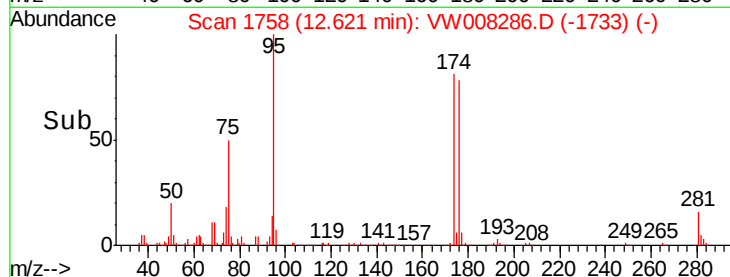
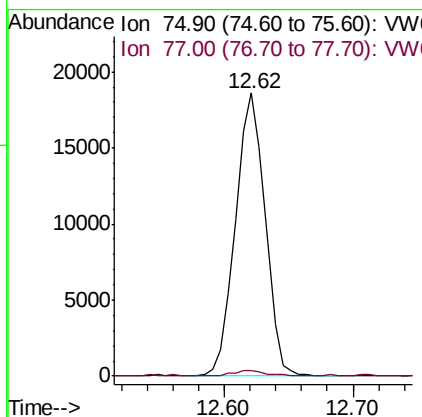
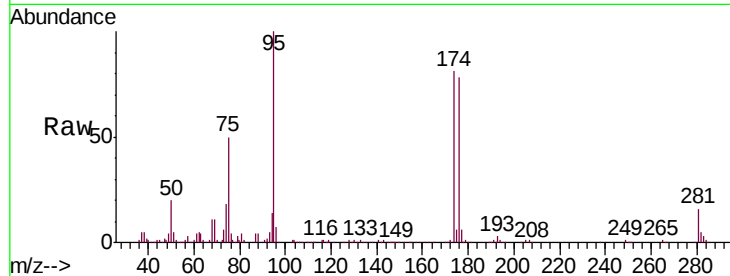
TP-2

Tgt Ion: 75 Resp: 29808

Ion Ratio Lower Upper

75 100

77 2.2 179.4 538.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.465 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

Tgt Ion: 75 Resp: 29808

Ion Ratio Lower Upper

75 100

53 0.5 78.8 118.2#

89 0.1 35.4 53.2#

