

Data File : VW008342.D
Acq On : 17 Jan 2019 21:33
Operator : SY/VA
Sample : K1173-07
Misc : 6.66G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RT-3425

Quant Time: Jan 18 01:11:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	136178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	52080	66.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.90%	
35) Dibromofluoromethane	7.88	113	45324	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	175216	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	58810	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

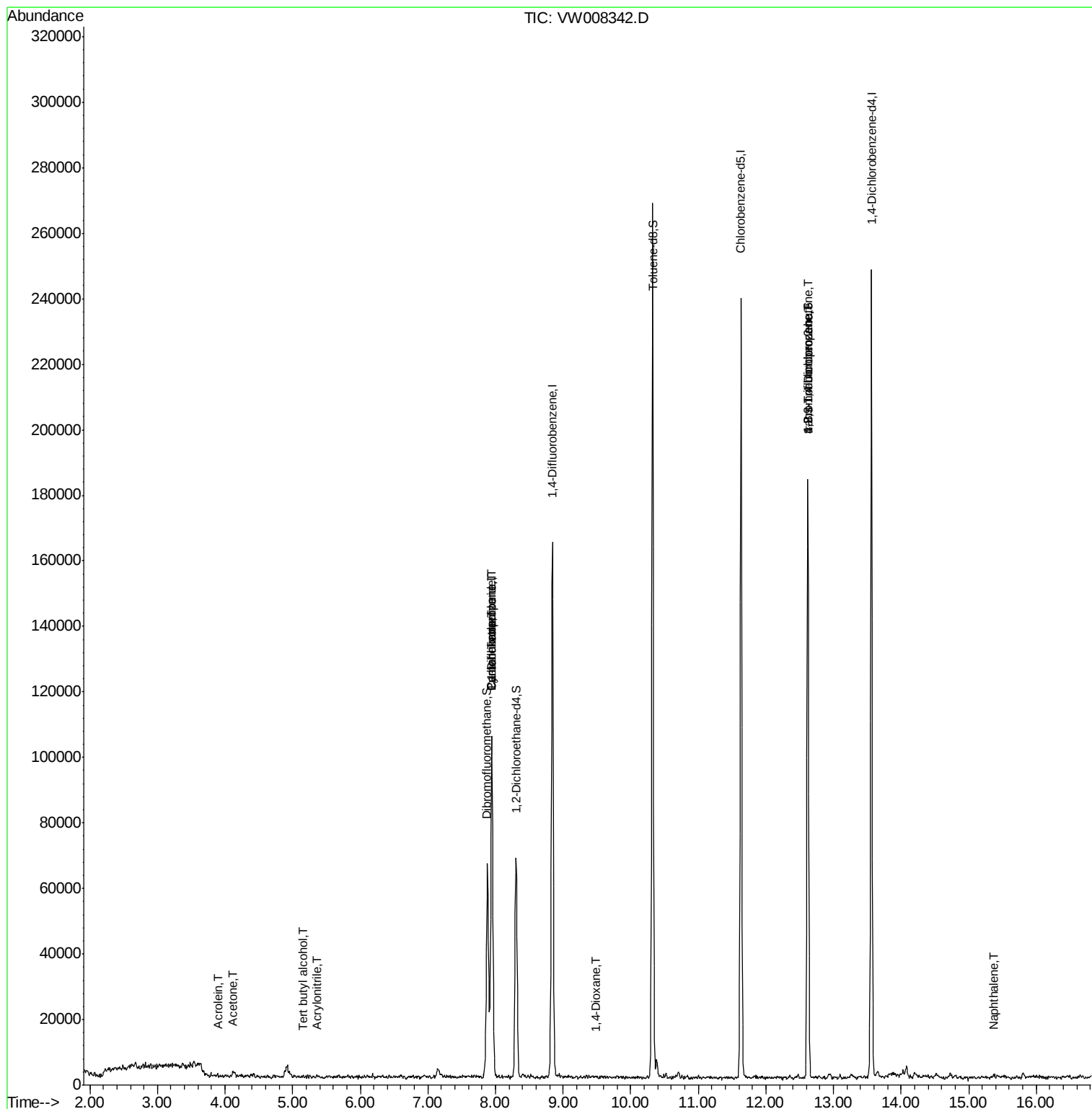
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.15	59	104	1.971	ug/l #	1
13) Acrolein	3.89	56	121	9.915	ug/l	88
15) Acrylonitrile	5.36	53	186	1.069	ug/l #	65
16) Acetone	4.12	43	2984	16.393	ug/l	93
31) Cyclohexane	7.95	56	2060	1.407	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	6271	4.577	ug/l #	51
38) Carbon Tetrachloride	7.95	117	7415	5.481	ug/l #	19
49) 1,4-Dioxane	9.49	88	51	6.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	28436	50.799	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	28436	121.227	ug/l #	11
95) Naphthalene	15.37	128	829	2.664	ug/l #	86

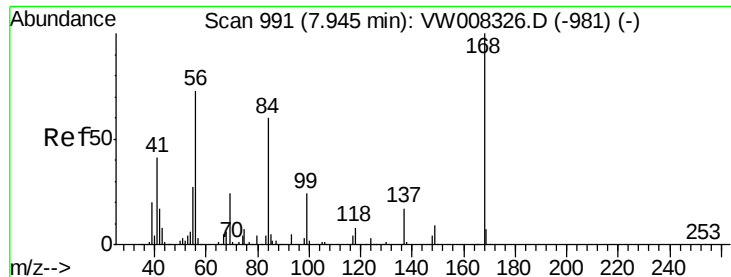
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008342.D
Acq On : 17 Jan 2019 21:33
Operator : SY/VA
Sample : K1173-07
Misc : 6.66G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RT-3425

Quant Time: Jan 18 01:11:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 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: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

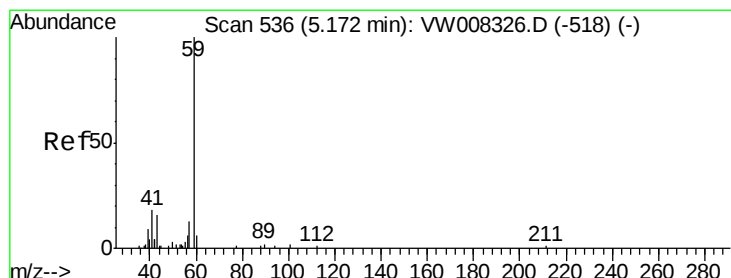
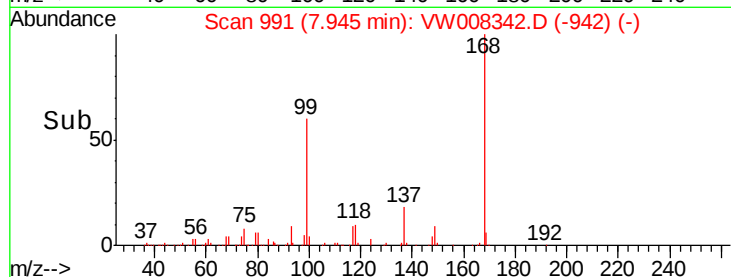
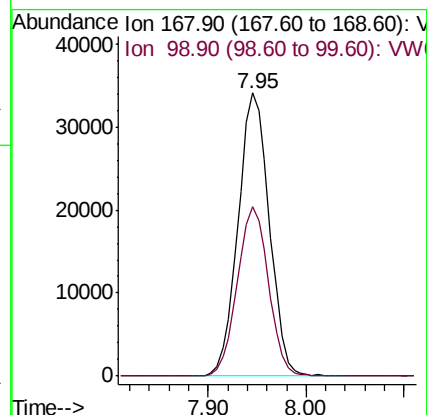
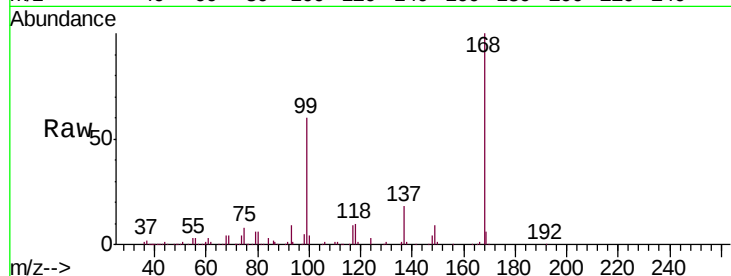
RT-3425

Tgt Ion:168 Resp: 75349

Ion Ratio Lower Upper

168 100

99 60.1 44.6 66.8



#11

Tert butyl alcohol

Concen: 1.971 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW008342.D

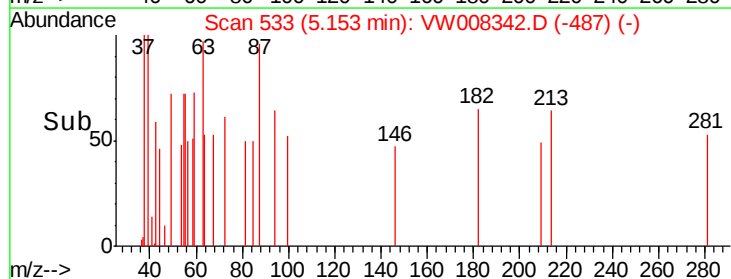
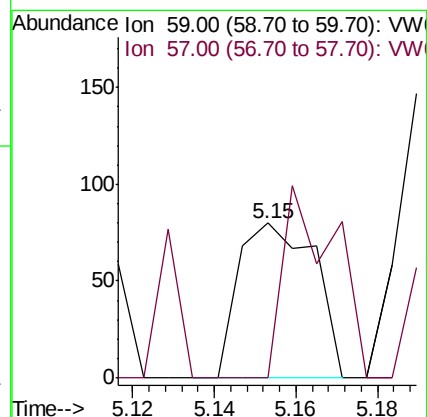
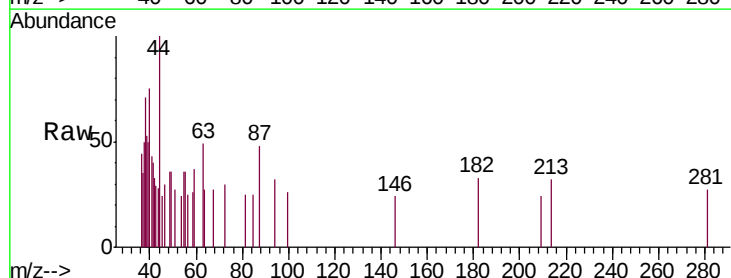
Acq: 17 Jan 2019 21:33

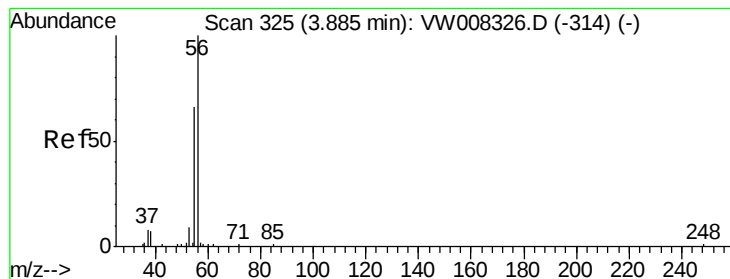
Tgt Ion: 59 Resp: 104

Ion Ratio Lower Upper

59 100

57 83.7 9.4 14.2#





#13

Acrolein

Concen: 9.915 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampled :

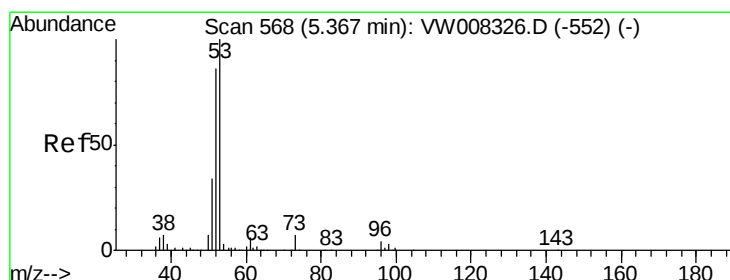
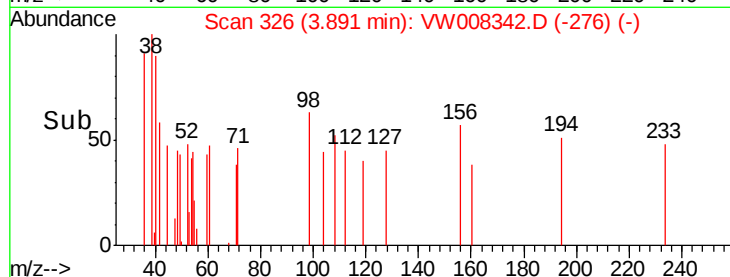
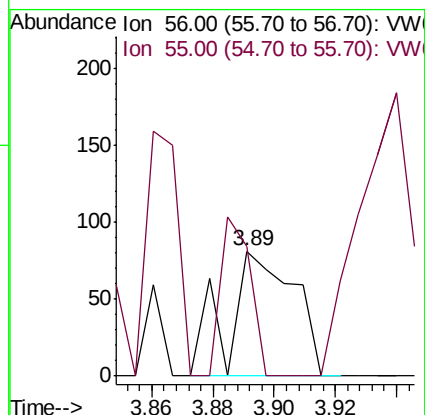
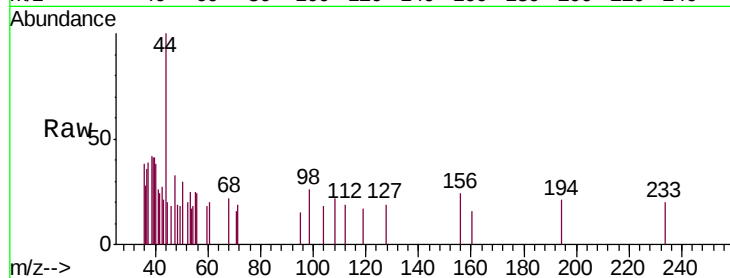
RT-3425

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 56.2 52.9 79.3



#15

Acrylonitrile

Concen: 1.069 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

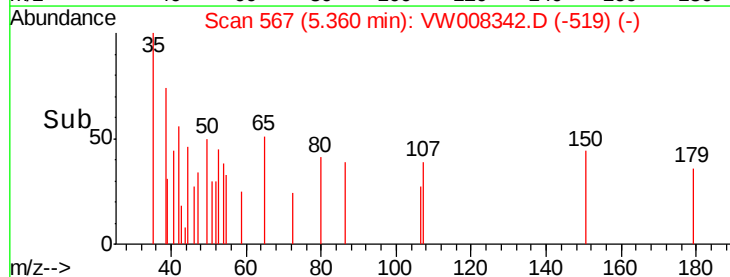
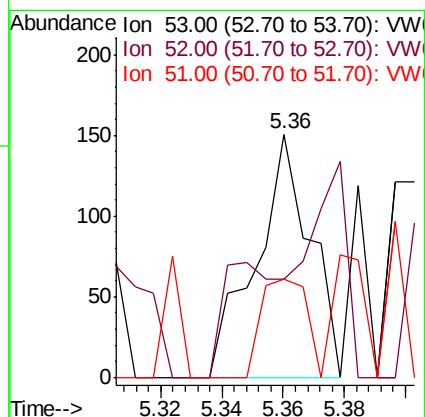
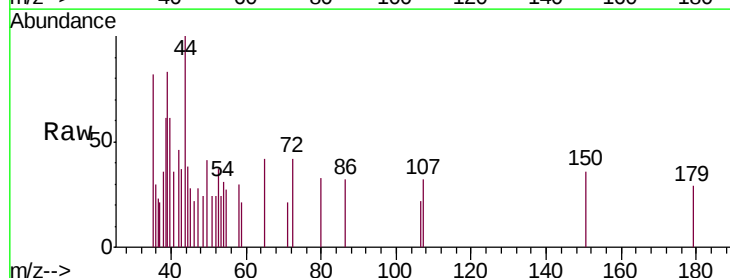
Tgt Ion: 53 Resp: 186

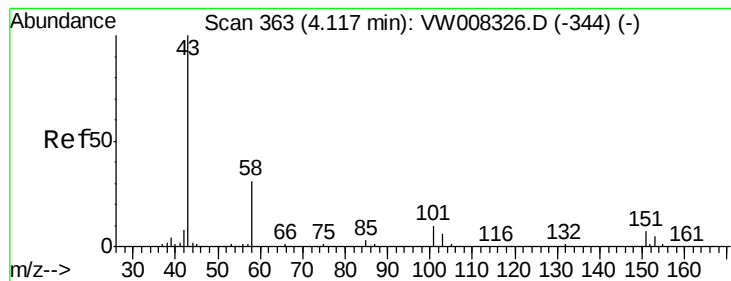
Ion Ratio Lower Upper

53 100

52 39.8 66.4 99.6#

51 34.4 29.6 44.4





#16

Acetone

Concen: 16.393 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampled :

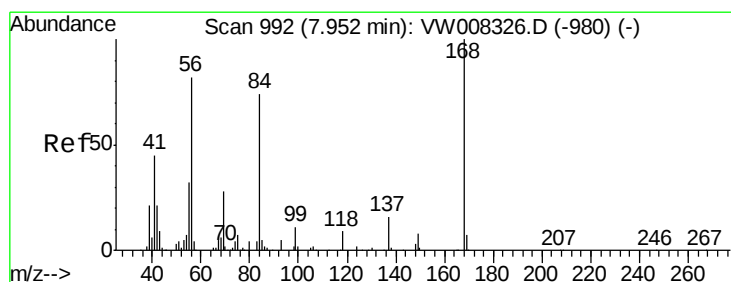
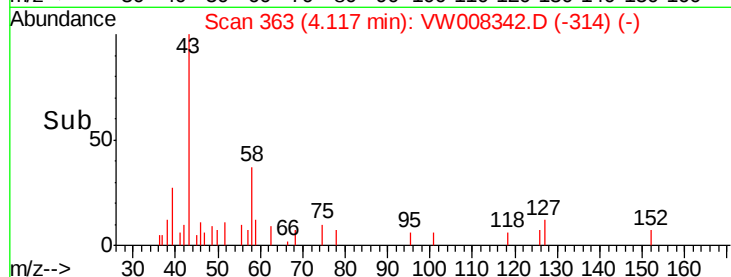
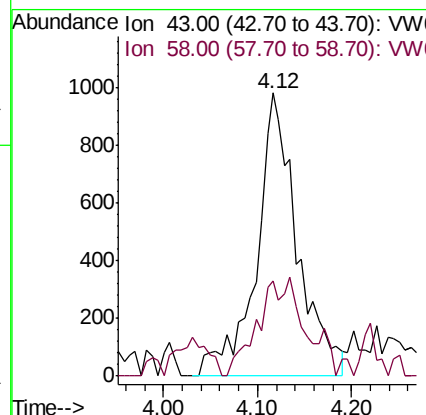
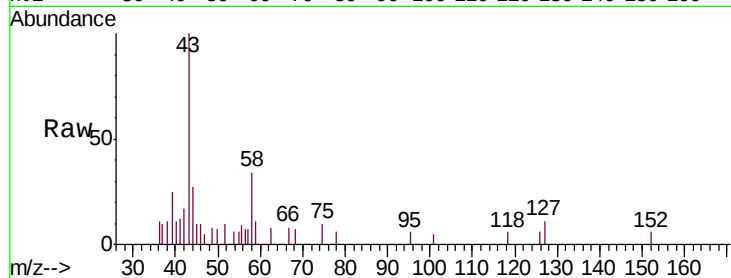
RT-3425

Tgt Ion: 43 Resp: 2984

Ion Ratio Lower Upper

43 100

58 27.3 24.7 37.1



#31

Cyclohexane

Concen: 1.407 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

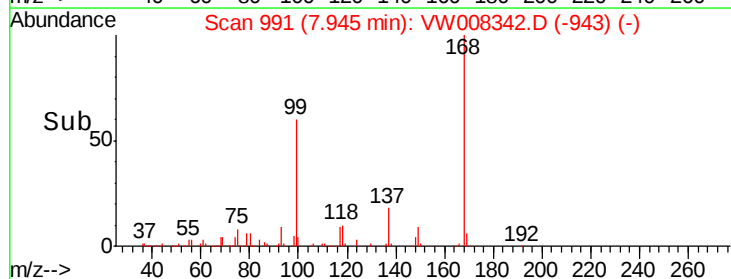
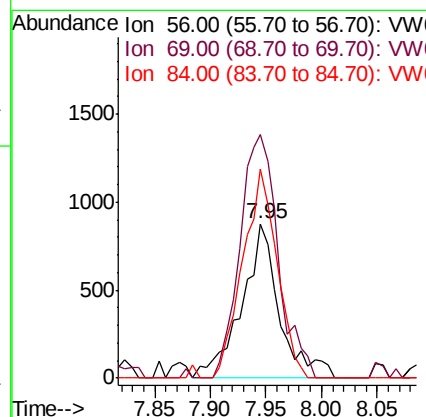
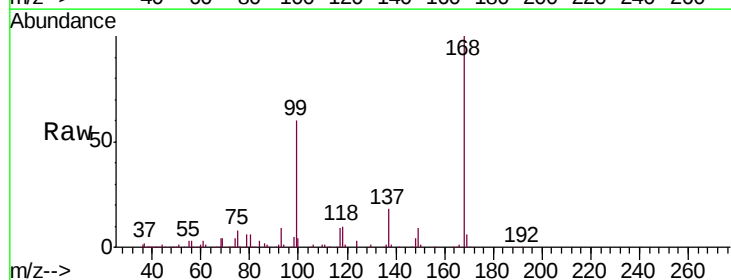
Tgt Ion: 56 Resp: 2060

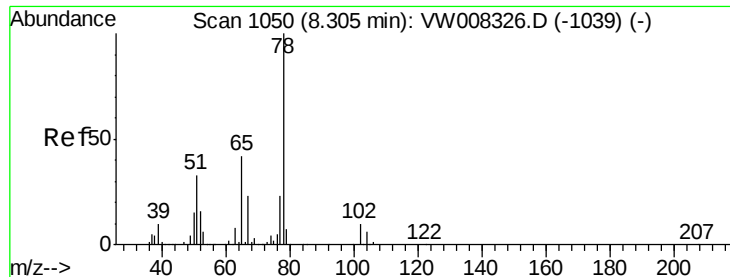
Ion Ratio Lower Upper

56 100

69 147.9 27.0 40.6#

84 126.8 72.5 108.7#

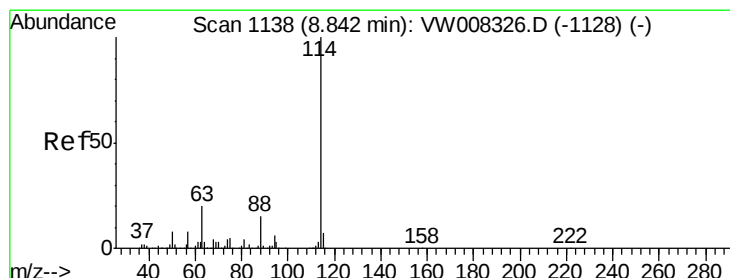
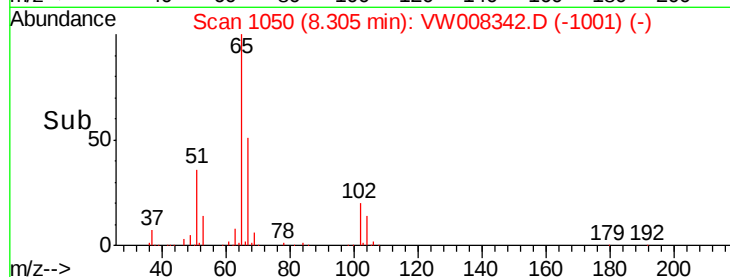
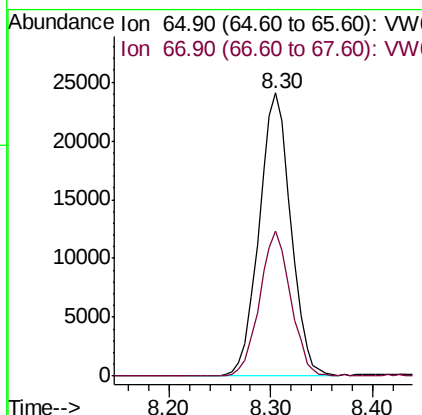
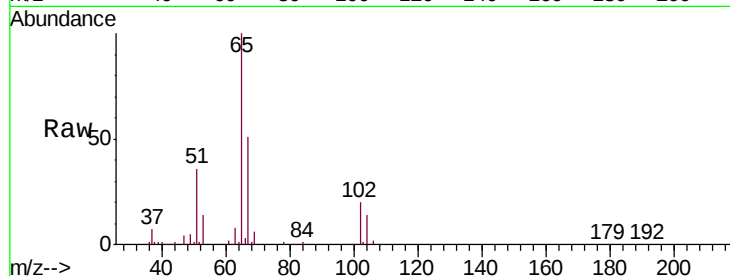




#33
 1,2-Dichloroethane-d4
 Concen: 66.445 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

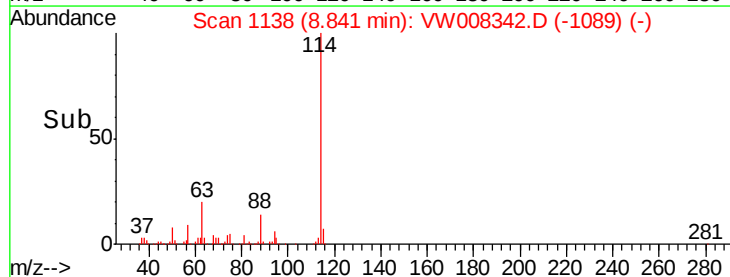
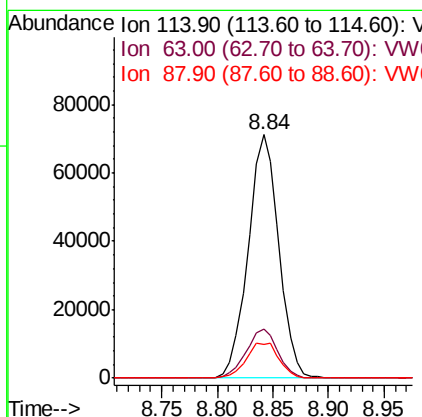
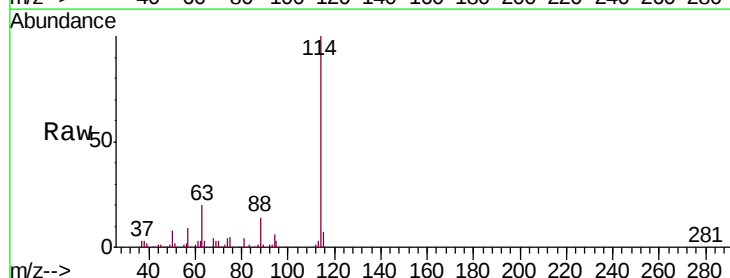
Instrument :
 MSVOA_W
 ClientSampled :
 RT-3425

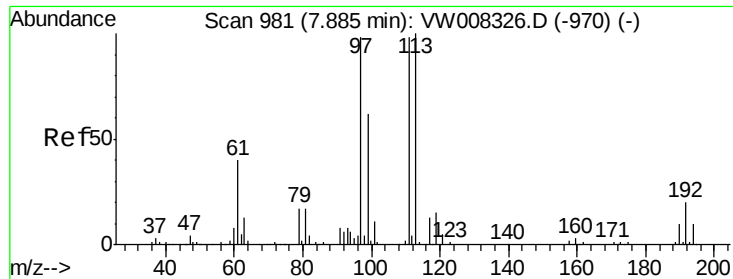
Tgt Ion: 65 Resp: 52080
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

Tgt Ion: 114 Resp: 136178
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 13.8 0.0 30.4

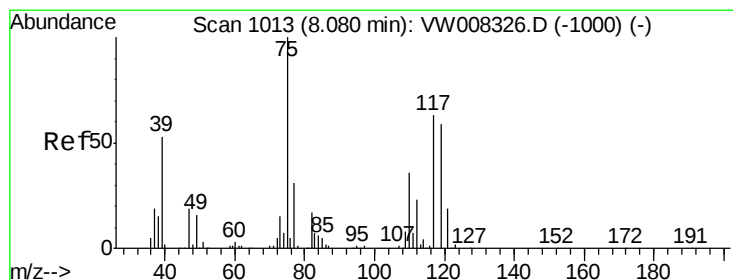
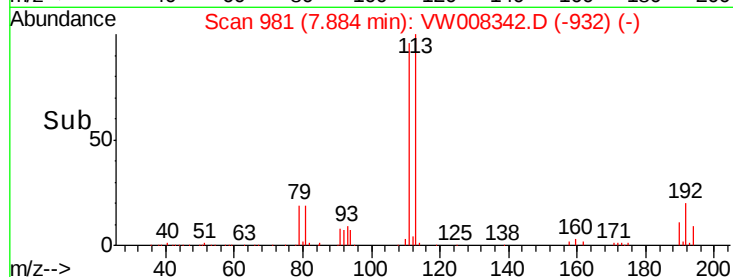
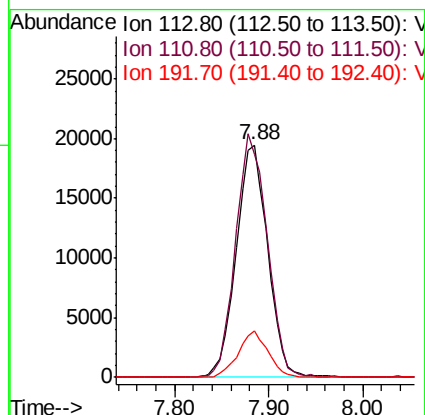
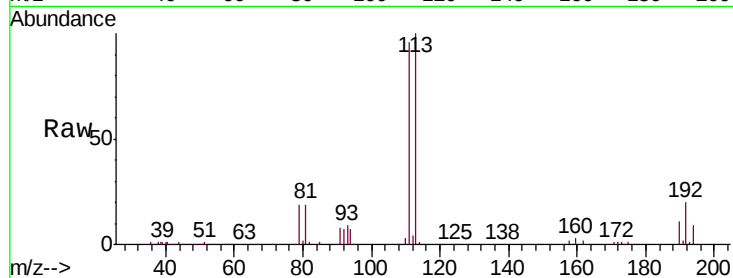




#35
 Dibromofluoromethane
 Concen: 52.140 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

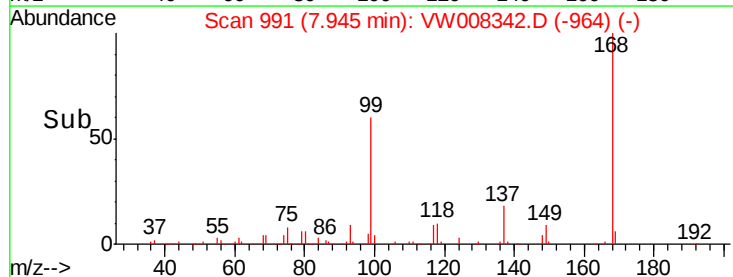
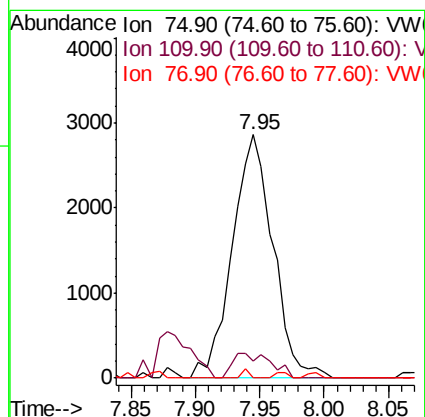
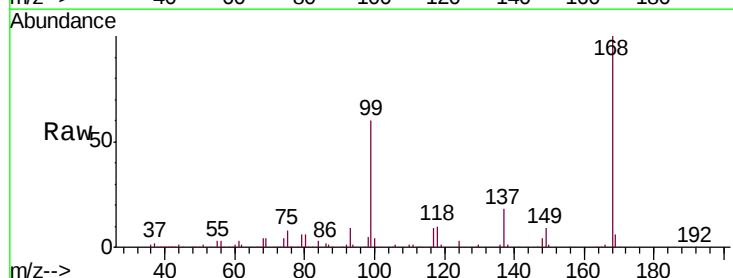
Instrument :
 MSVOA_W
 ClientSampleID :
 RT-3425

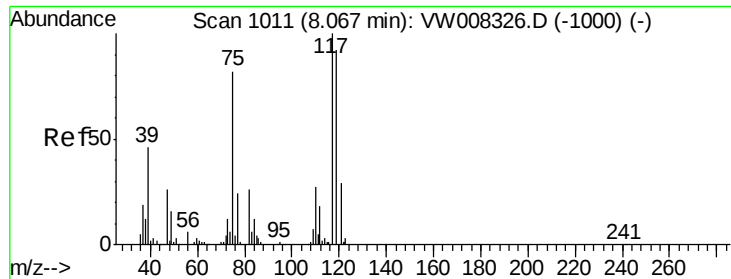
Tgt Ion: 113 Resp: 45324
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.8
 192 18.7 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 4.577 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

Tgt Ion: 75 Resp: 6271
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.5 52.6#
 77 0.7 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.481 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

RT-3425

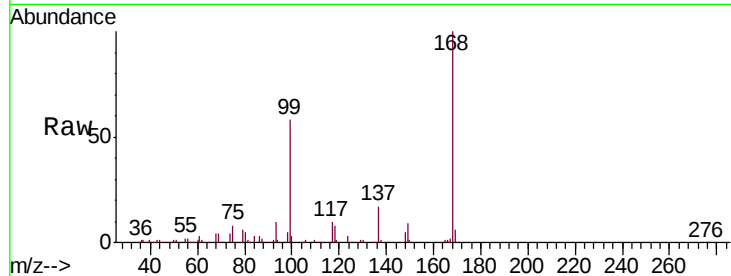
Tgt Ion:117 Resp: 7415

Ion Ratio Lower Upper

117 100

119 7.1 73.8 110.6#

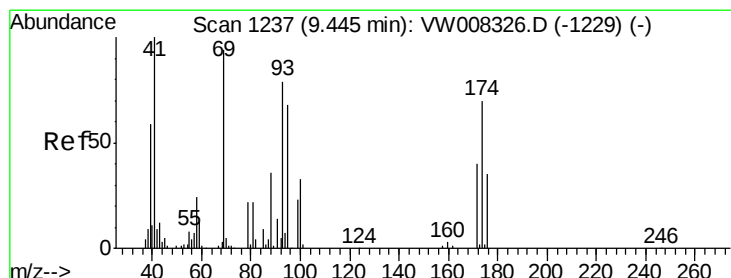
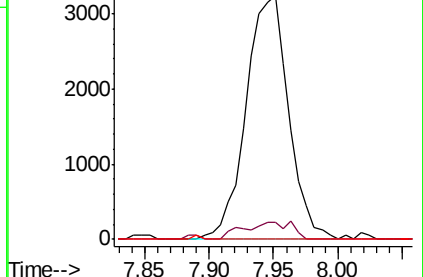
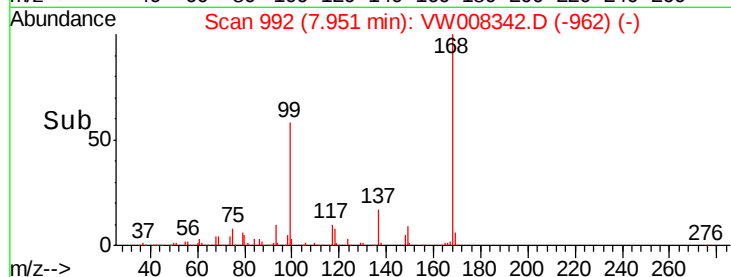
121 0.0 23.4 35.0#



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



#49

1,4-Dioxane

Concen: 6.305 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.04 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

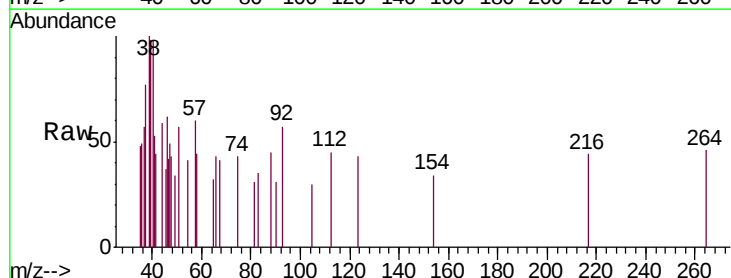
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 305.9 27.1 40.7#

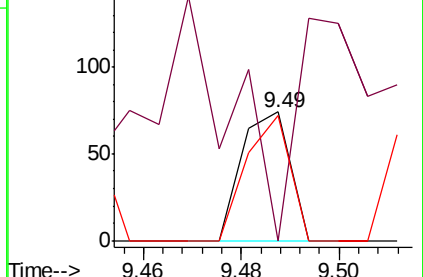
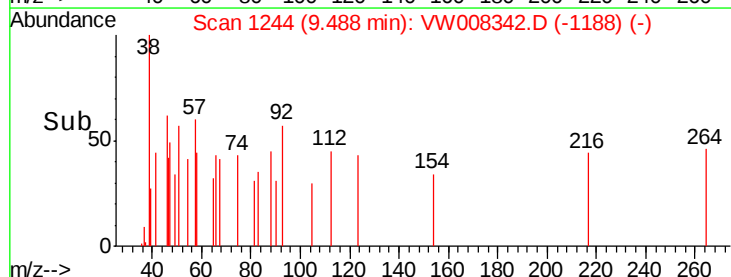
58 88.2 57.9 86.9#

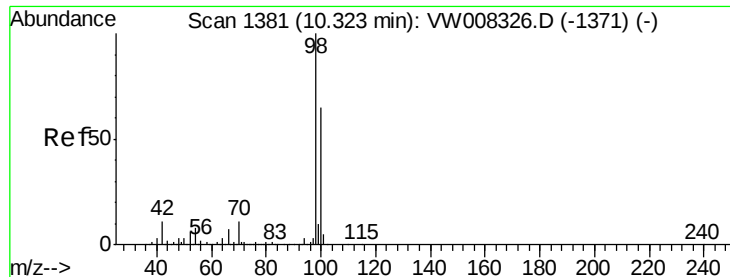


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.308 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

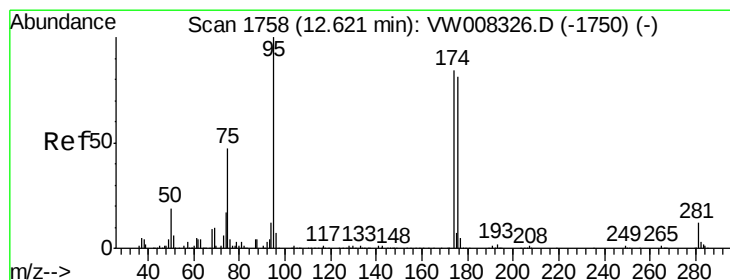
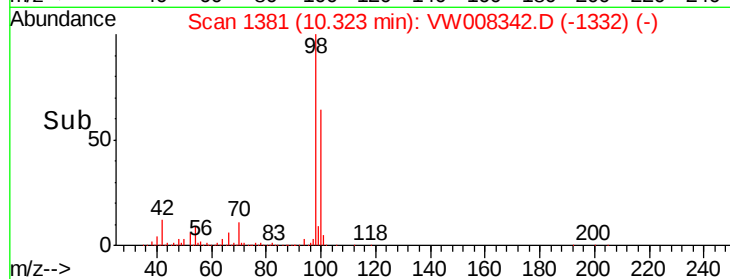
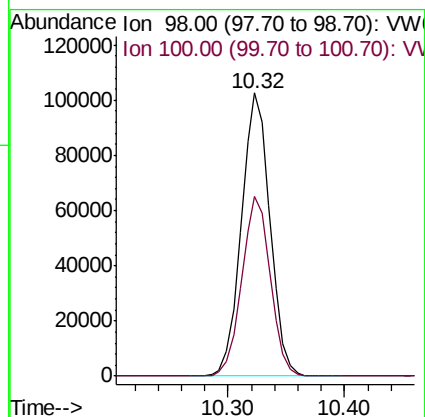
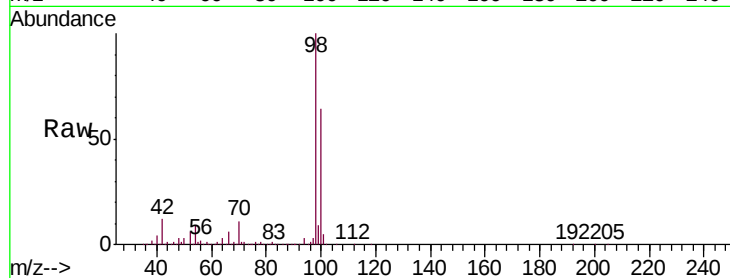
RT-3425

Tgt Ion: 98 Resp: 175216

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 48.017 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

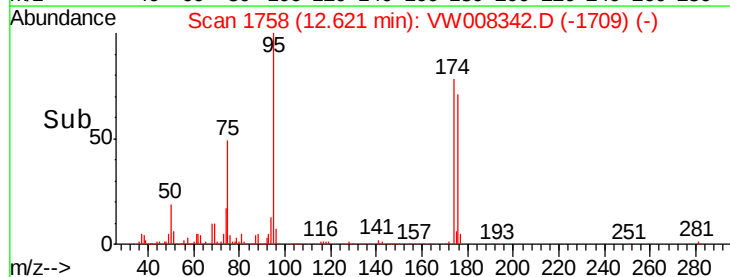
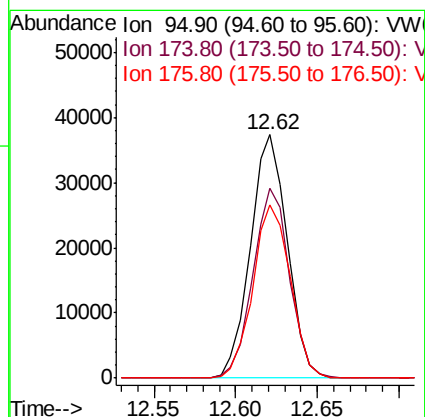
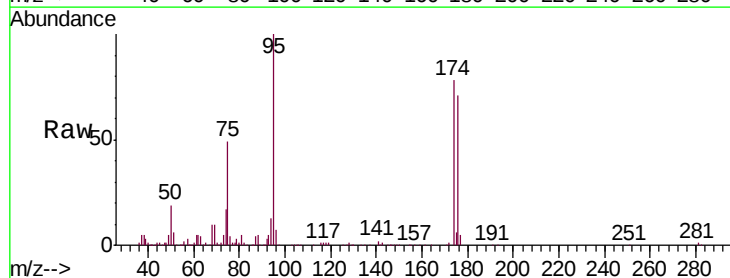
Tgt Ion: 95 Resp: 58810

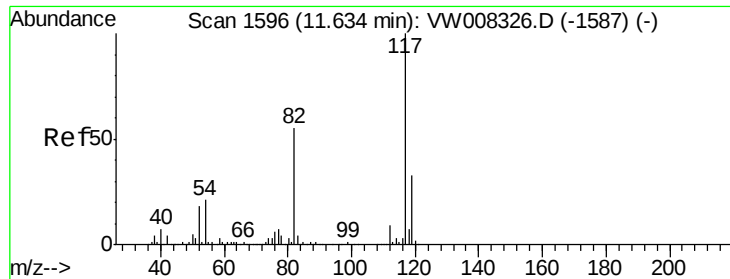
Ion Ratio Lower Upper

95 100

174 77.5 0.0 166.0

176 72.5 0.0 160.0

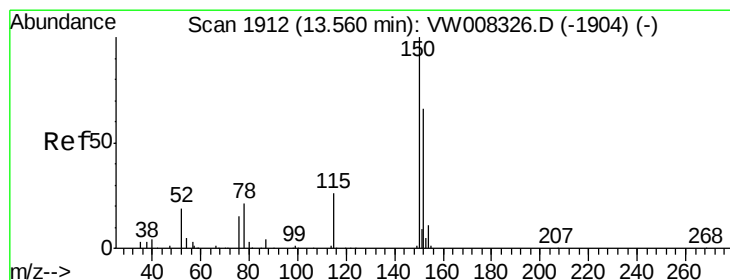
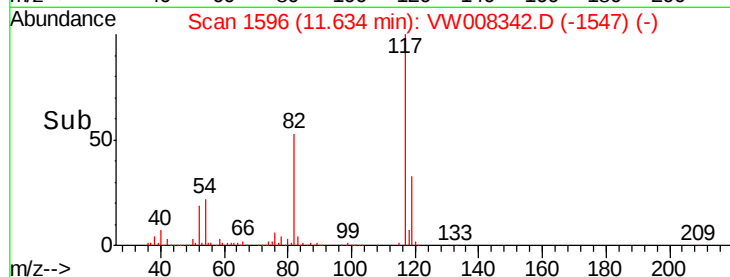
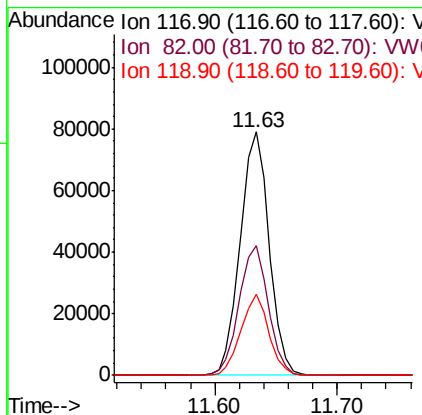
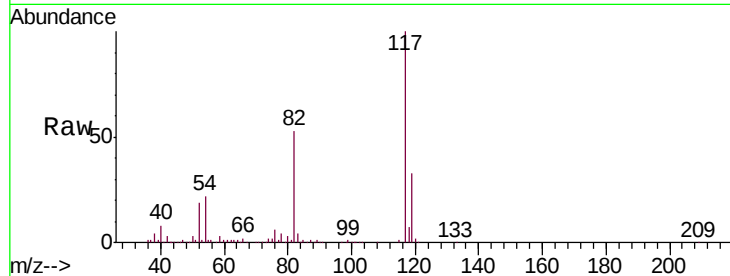




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008342.D
Acq: 17 Jan 2019 21:33

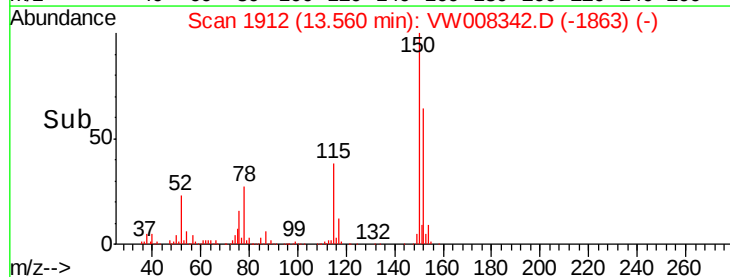
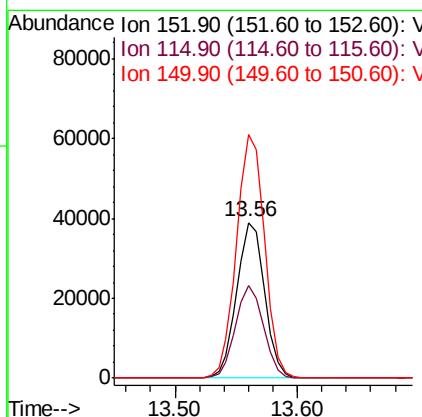
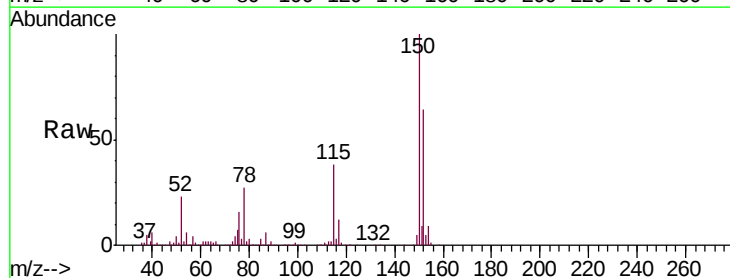
Instrument :
MSVOA_W
ClientSampleId :
RT-3425

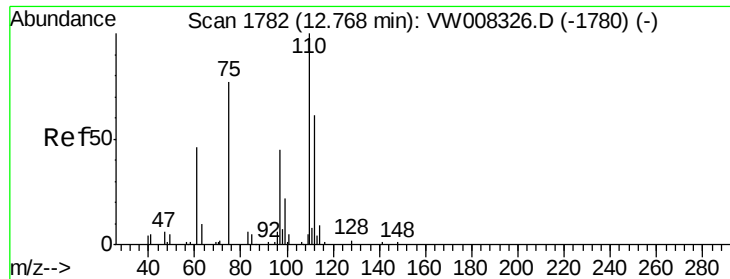
Tgt Ion:117 Resp: 129475
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 33.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008342.D
Acq: 17 Jan 2019 21:33

Tgt Ion:152 Resp: 61470
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 157.9 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 50.799 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

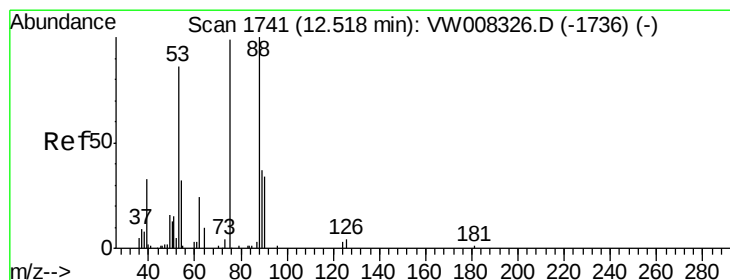
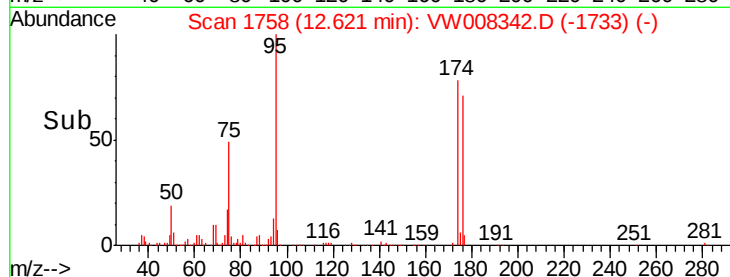
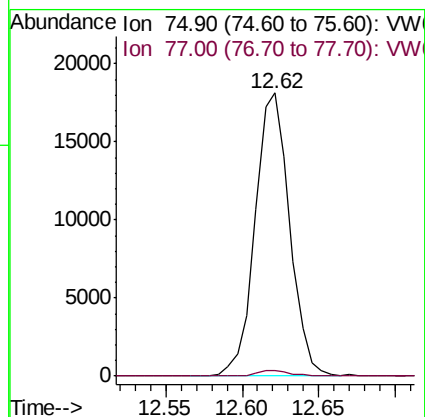
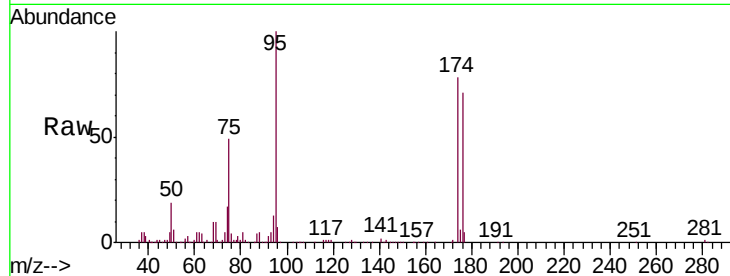
RT-3425

Tgt Ion: 75 Resp: 28436

Ion Ratio Lower Upper

75 100

77 1.8 175.3 526.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.227 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008342.D

Acq: 17 Jan 2019 21:33

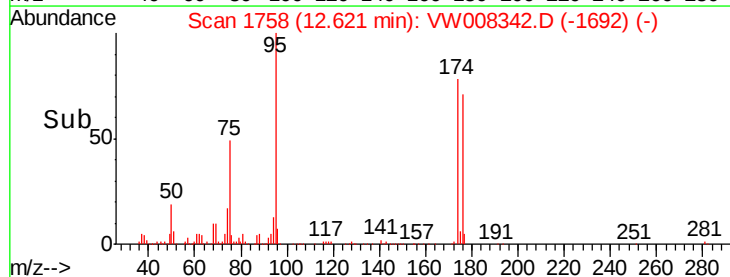
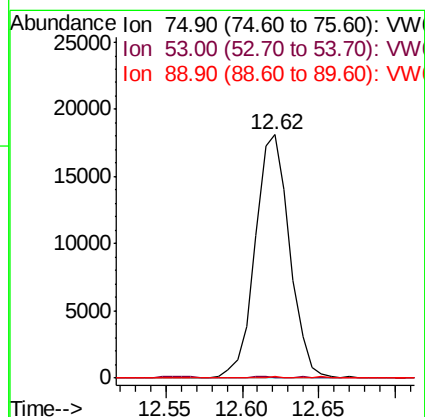
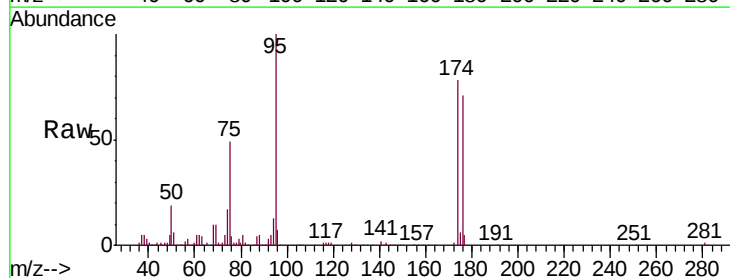
Tgt Ion: 75 Resp: 28436

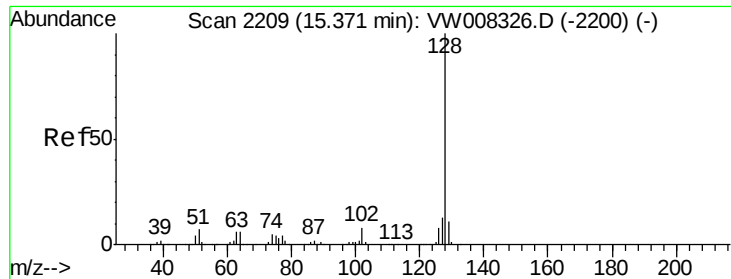
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.4#

89 0.2 36.7 55.1#

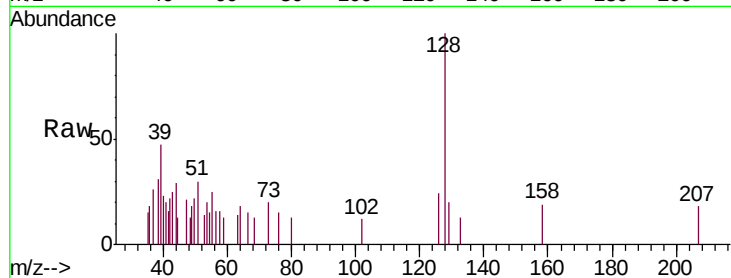




#95
 Naphthalene
 Concen: 2.664 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008342.D
 Acq: 17 Jan 2019 21:33

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3425

Tgt Ion:128 Resp: 829
 Ion Ratio Lower Upper
 128 100
 127 3.5 10.5 15.7#
 129 11.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

