

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011547.D
 Acq On : 27 Jul 2019 05:37
 Operator : SY/VA
 Sample : K4011-01
 Misc : 5.14G/5.0ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP-OS

Quant Time: Jul 27 06:53:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76773	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	149195	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	
35) Dibromofluoromethane	7.88	113	118828	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
50) Toluene-d8	10.32	98	444476	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	118915	37.28	ug/l	0.00
Spiked Amount			Recovery	=	74.56%	

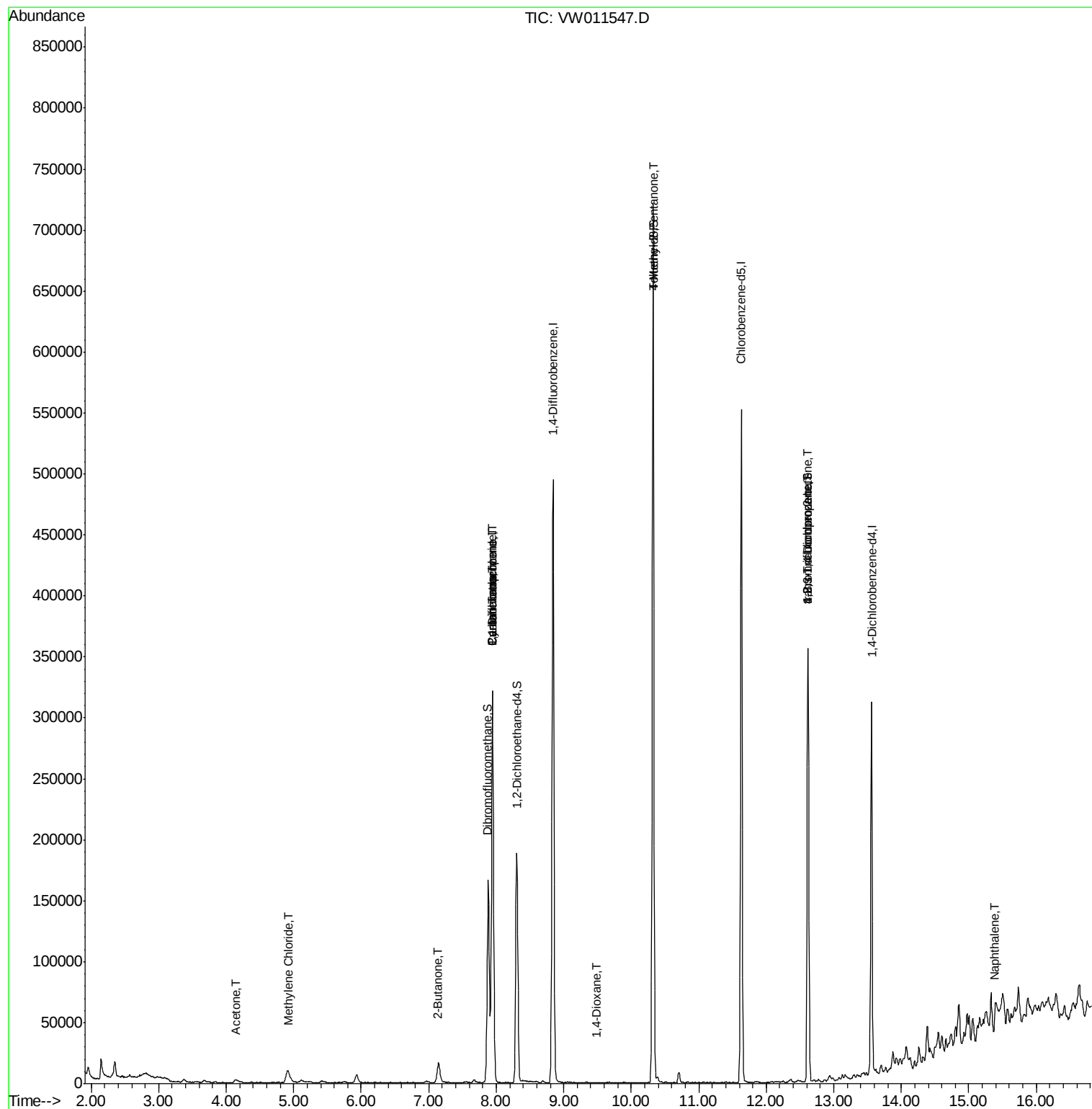
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	190	Below Cal	#	72
16) Acetone	4.14	43	5585	6.652	ug/l	96
20) Methylene Chloride	4.91	84	7107	2.454	ug/l #	92
25) 2-Butanone	7.13	43	1318	1.200	ug/l #	56
31) Cyclohexane	7.95	56	5849	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18991	4.688	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23593	6.804	ug/l #	16
49) 1,4-Dioxane	9.49	88	43	2.143	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	2651	1.189	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	63640	78.341	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	63640	180.549	ug/l #	6
95) Naphthalene	15.37	128	419	2.198	ug/l #	69

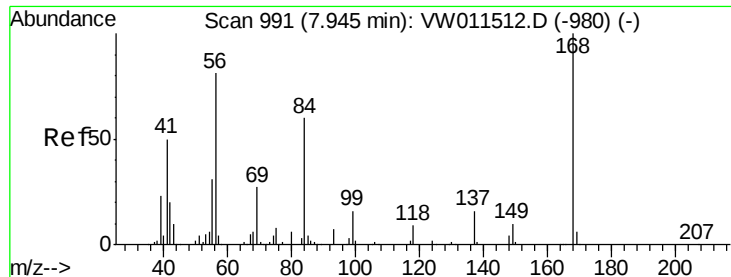
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072719\
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Quant Time: Jul 27 06:53:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011547.D

Acq: 27 Jul 2019 05:37

Instrument :

MSVOA_W

ClientSampleId :

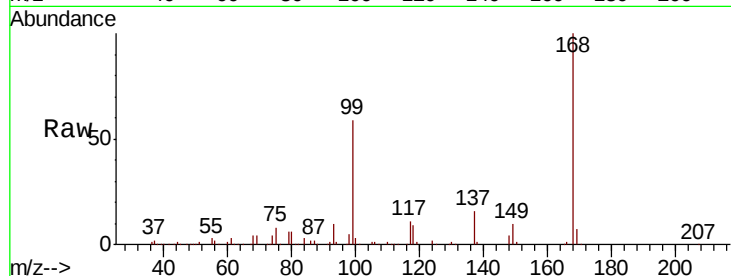
DRUM-COMP-OS

Tot Ion:168 Resp: 229872

Ion Ratio Lower Upper

168 100

99 59.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

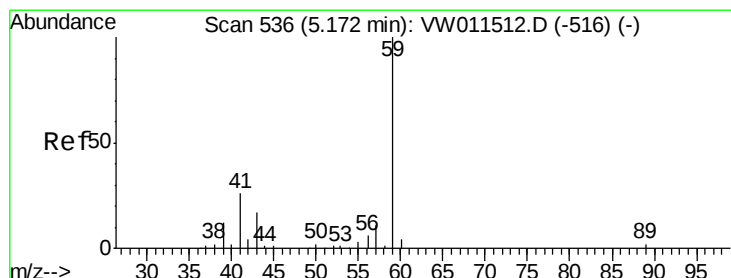
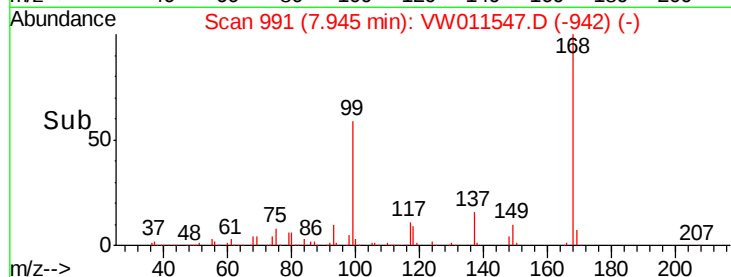
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW011547.D

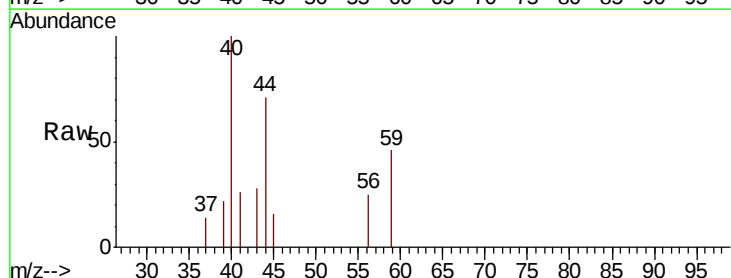
Acq: 27 Jul 2019 05:37

Tgt Ion: 59 Resp: 190

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

300

250

200

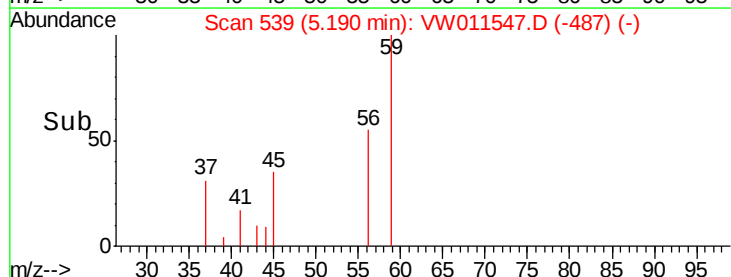
150

100

50

0

Time--> 5.16 5.18 5.20





#16

Acetone

Concen: 6.652 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011547.D

Acq: 27 Jul 2019 05:37

Instrument :

MSVOA_W

ClientSampleId :

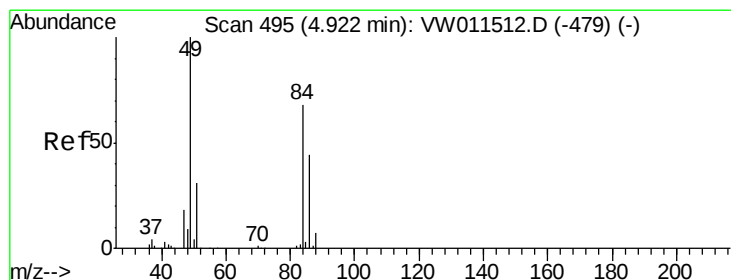
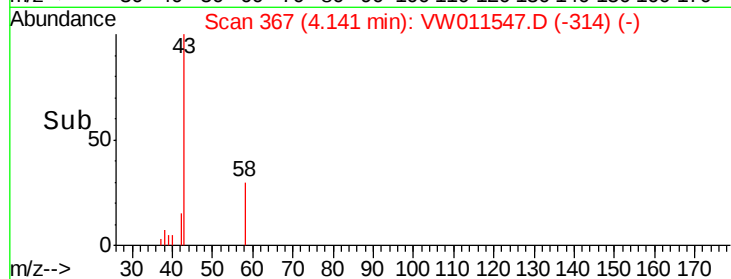
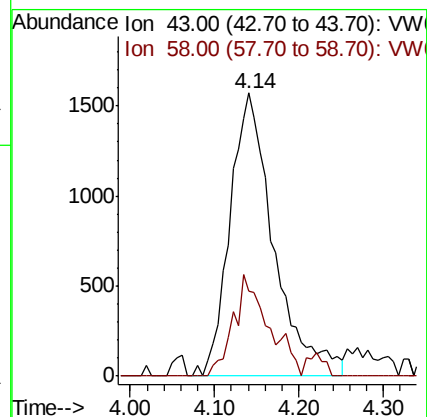
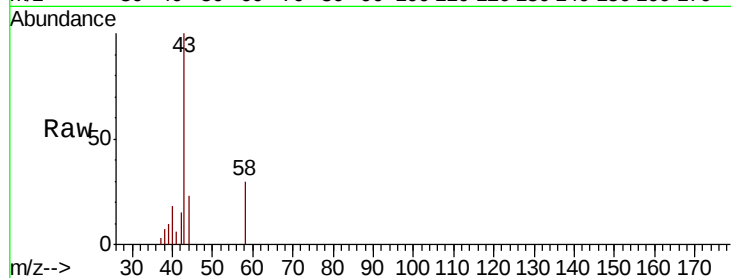
DRUM-COMP-OS

Tot Ion: 43 Resp: 5585

Ion Ratio Lower Upper

43 100

58 30.1 22.3 33.5



#20

Methylene Chloride

Concen: 2.454 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011547.D

Acq: 27 Jul 2019 05:37

Tgt Ion: 84 Resp: 7107

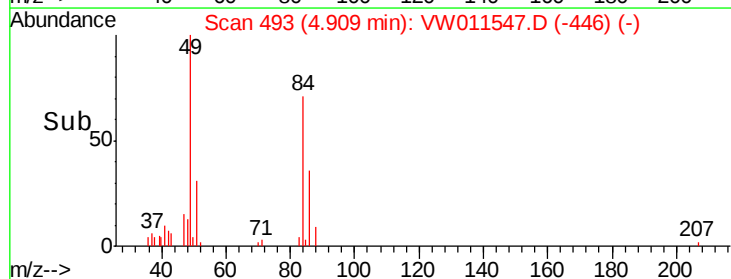
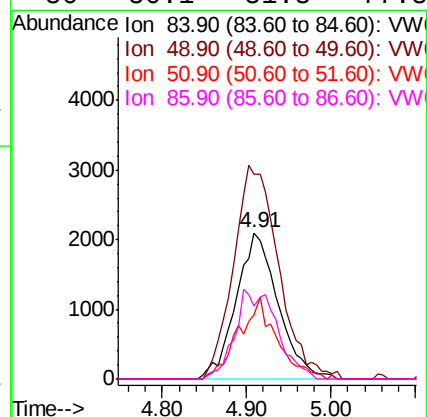
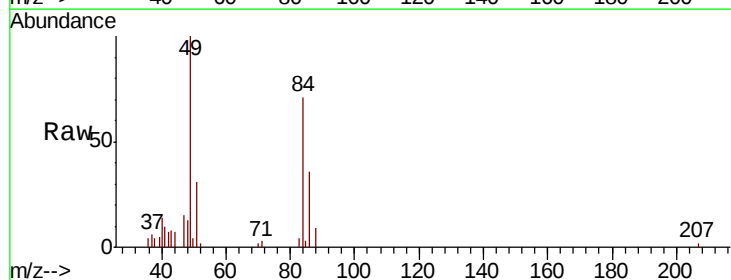
Ion Ratio Lower Upper

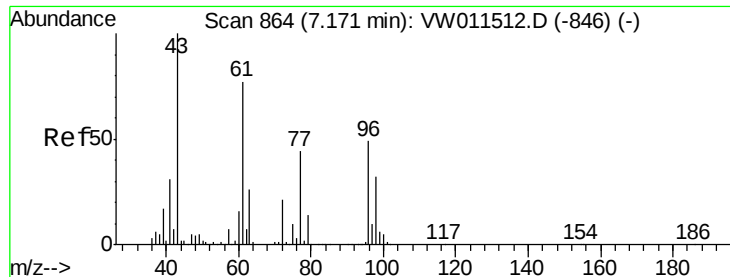
84 100

49 140.7 117.8 176.6

51 43.8 37.0 55.4

86 50.1 51.8 77.8#

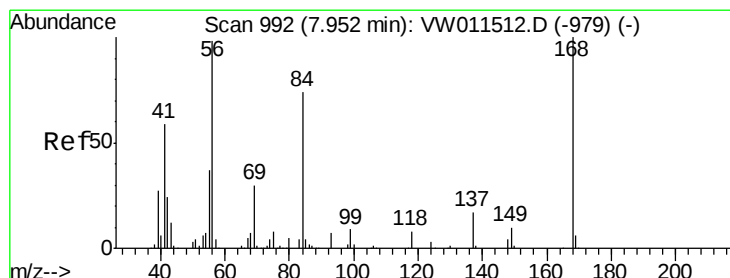
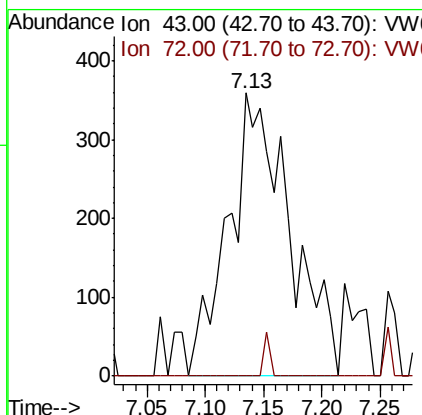
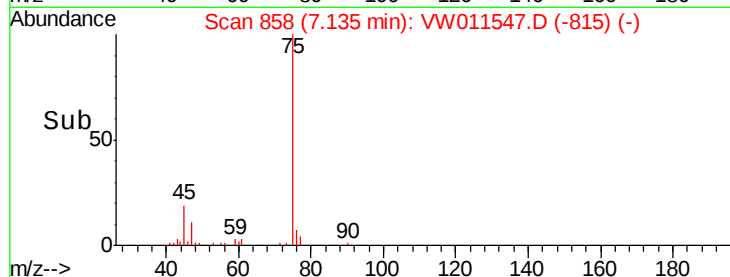
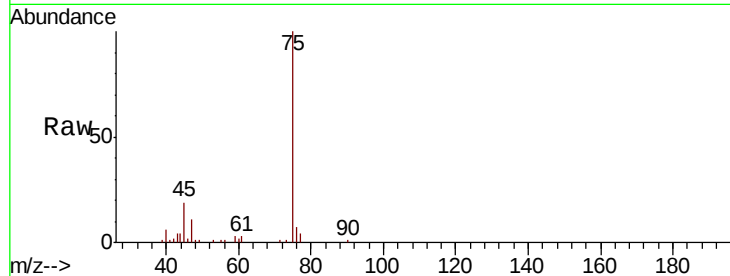




#25
2-Butanone
Concen: 1.200 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

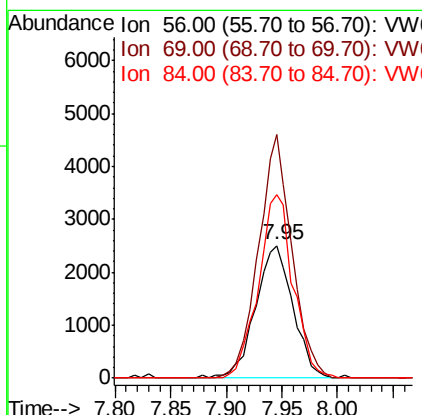
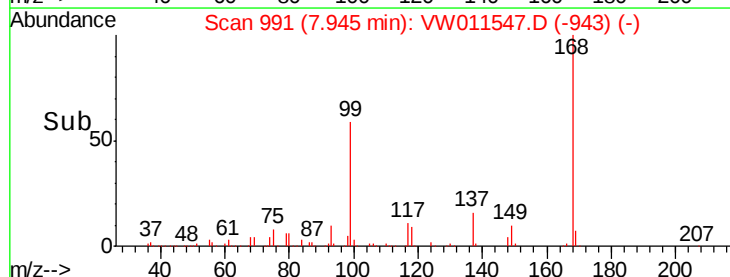
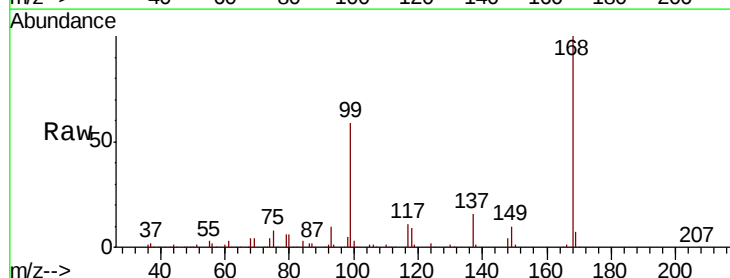
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP-OS

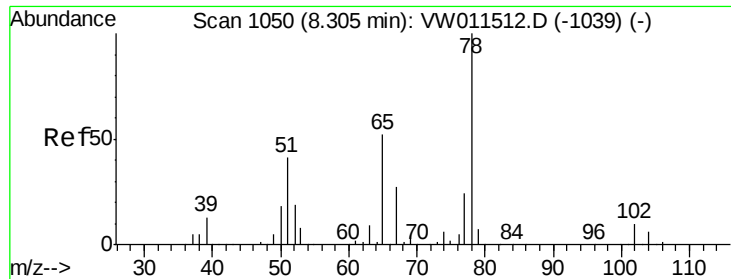
Tot Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
72 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

Tgt Ion: 56 Resp: 5849
Ion Ratio Lower Upper
56 100
69 183.7 24.3 36.5#
84 138.2 60.4 90.6#

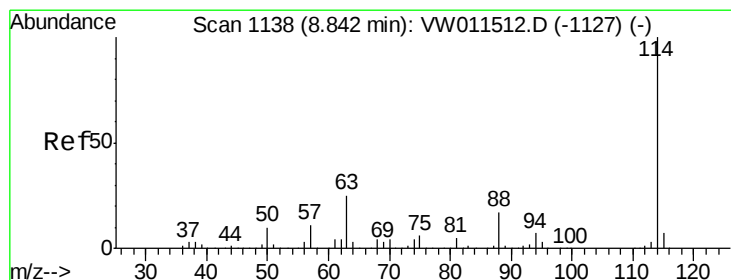
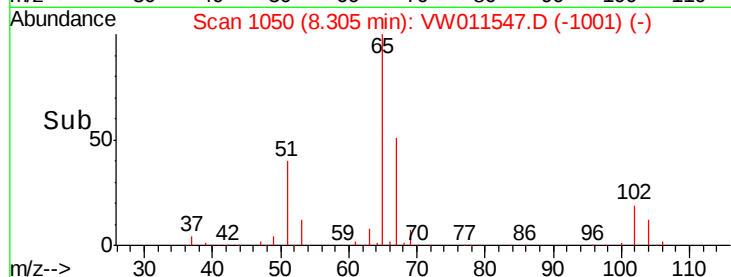
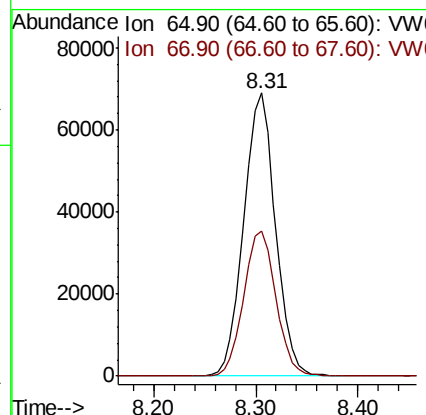
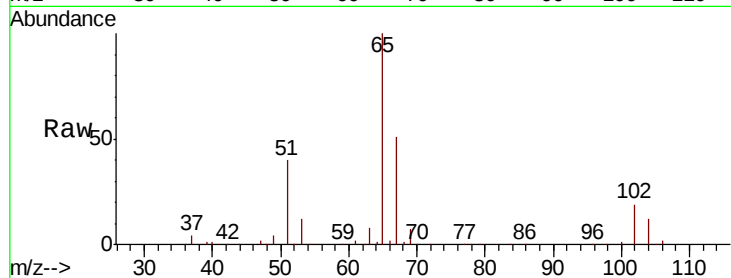




#33
 1,2-Dichloroethane-d4
 Concen: 56.522 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011547.D
 Acq: 27 Jul 2019 05:37

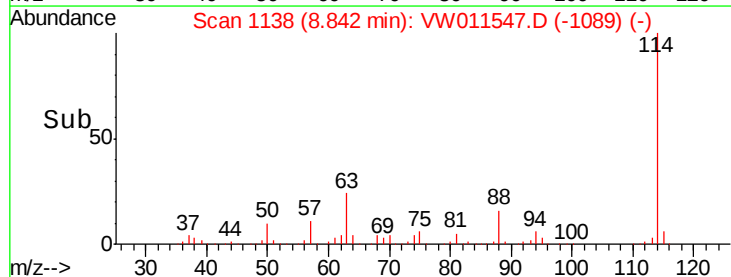
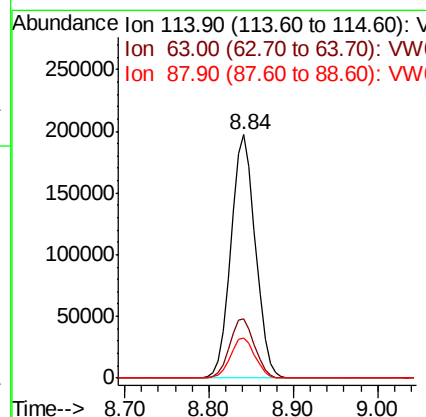
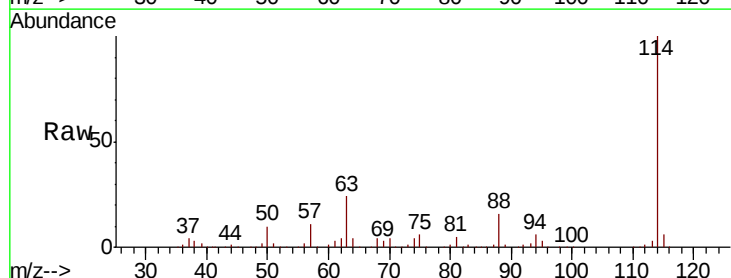
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-COMP-OS

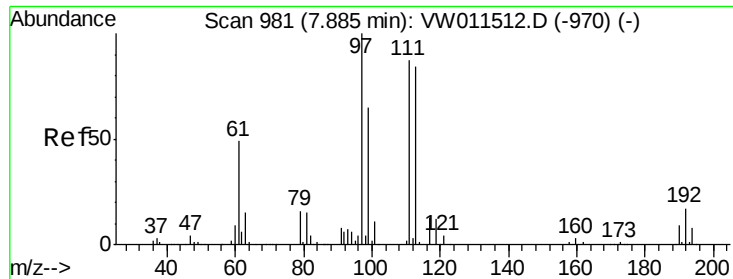
Tot Ion: 65 Resp: 149195
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011547.D
 Acq: 27 Jul 2019 05:37

Tgt Ion: 114 Resp: 389561
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 16.4 0.0 33.8

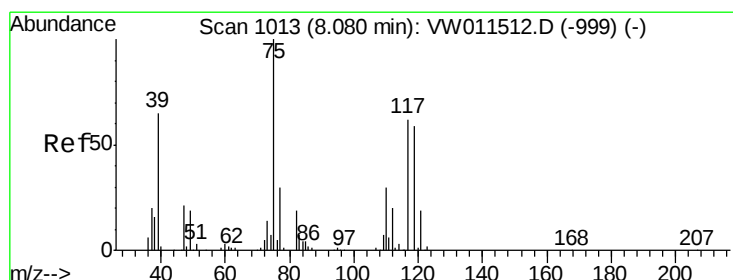
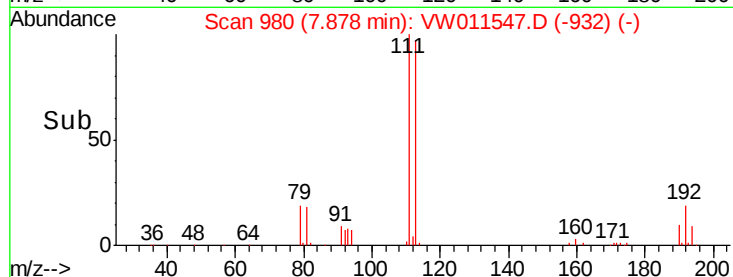
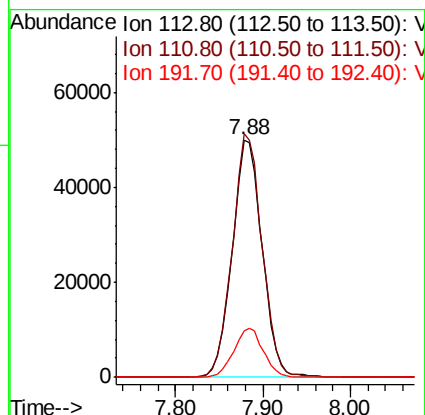
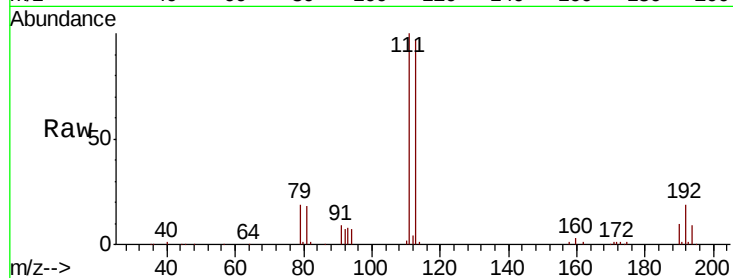




#35
 Dibromofluoromethane
 Concen: 54.371 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011547.D
 Acq: 27 Jul 2019 05:37

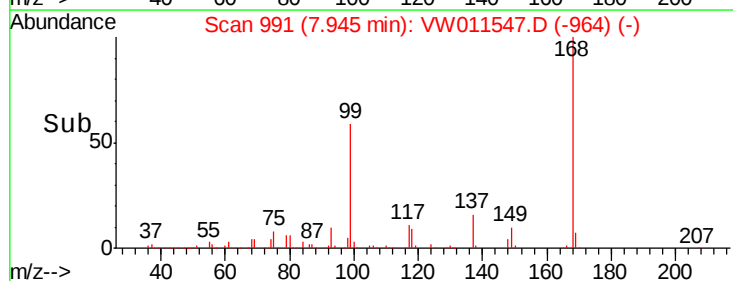
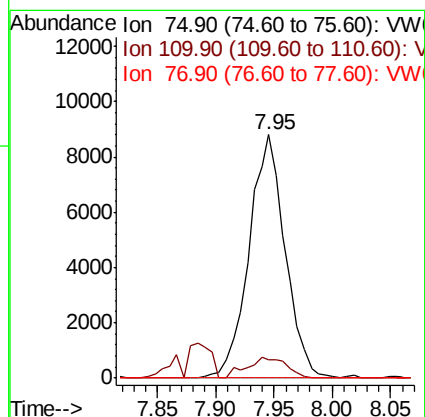
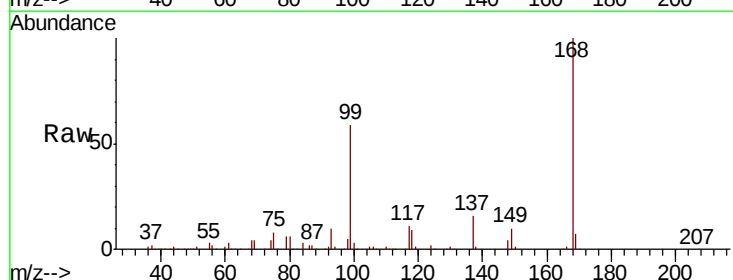
Instrument :
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 ClientSampleId :
 DRUM-COMP-OS

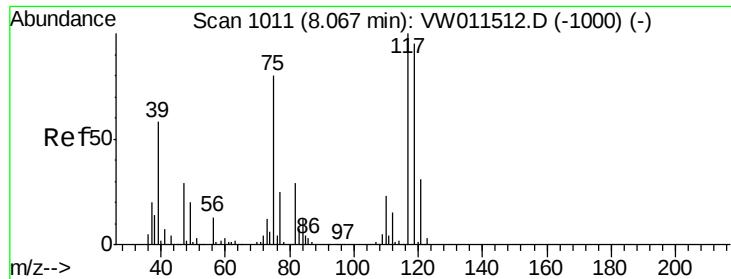
Tot Ion:113 Resp: 118828
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 20.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011547.D
 Acq: 27 Jul 2019 05:37

Tgt Ion: 75 Resp: 18991
 Ion Ratio Lower Upper
 75 100
 110 9.4 15.6 46.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.804 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011547.D

Acq: 27 Jul 2019 05:37

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP-OS

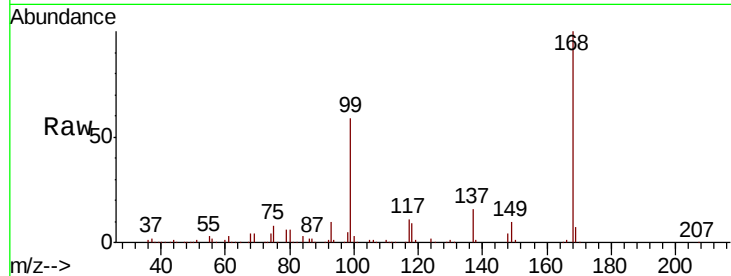
Tot Ion:117 Resp: 23593

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

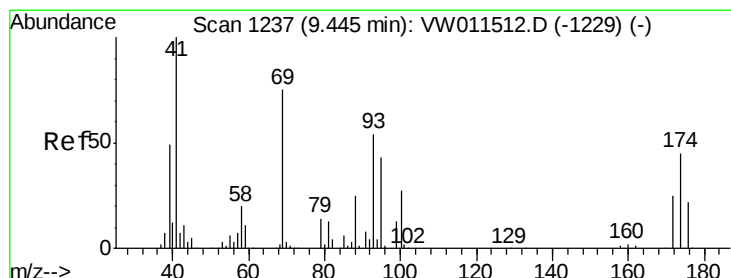
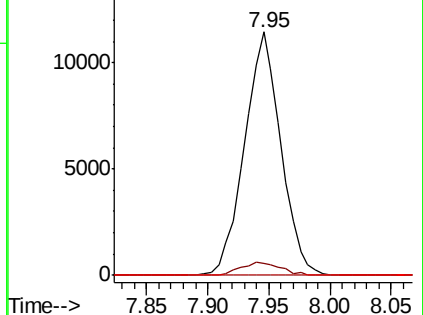
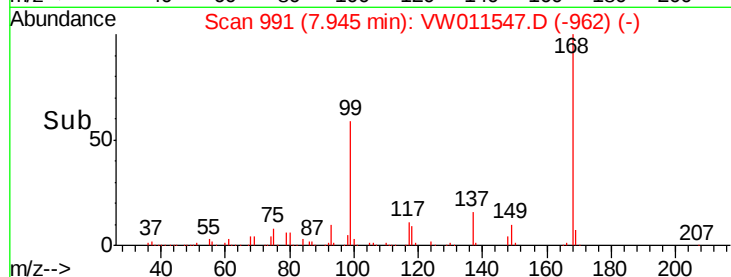
121 0.0 24.7 37.1#



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: 2.143 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.04 min

Lab File: VW011547.D

Acq: 27 Jul 2019 05:37

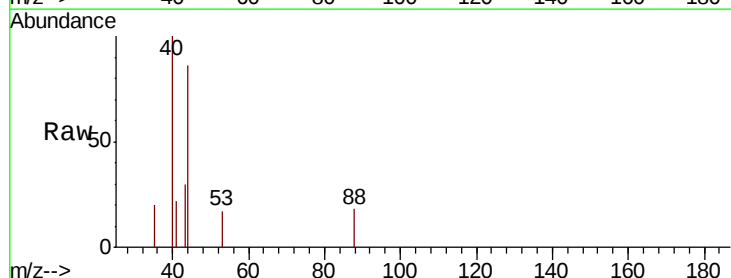
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

43 86.0 34.0 51.0#

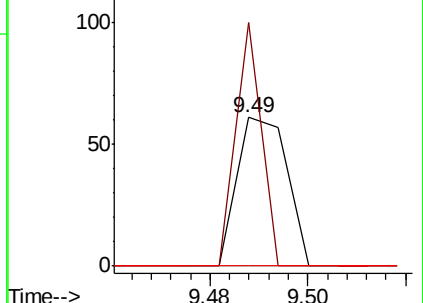
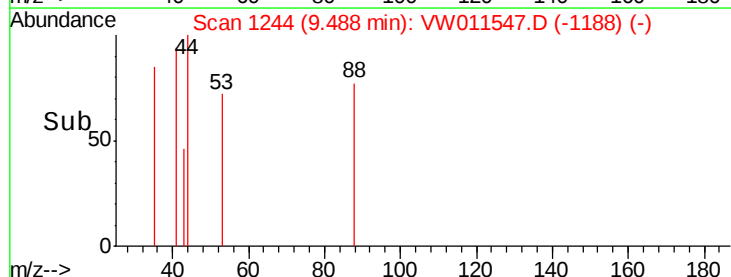
58 0.0 69.7 104.5#

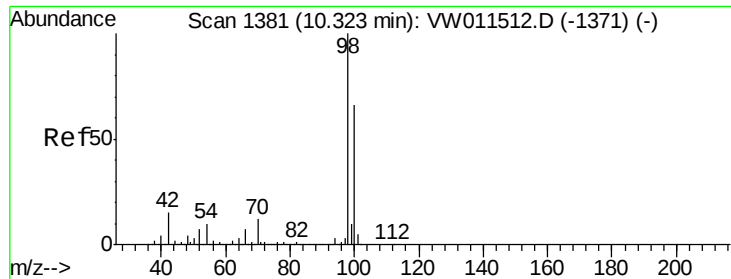


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

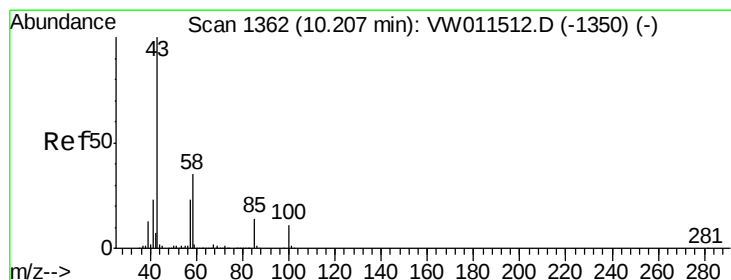
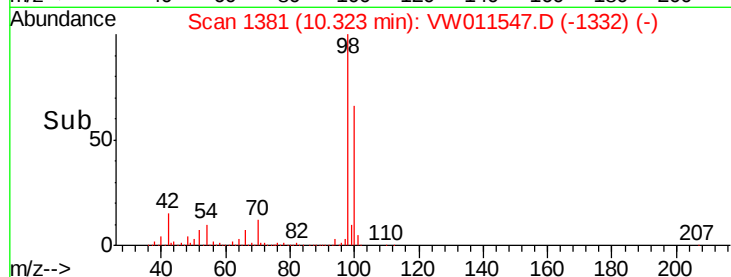
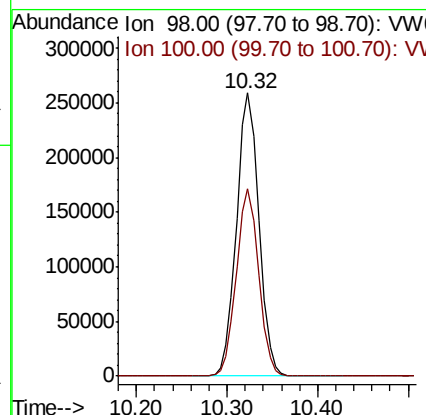
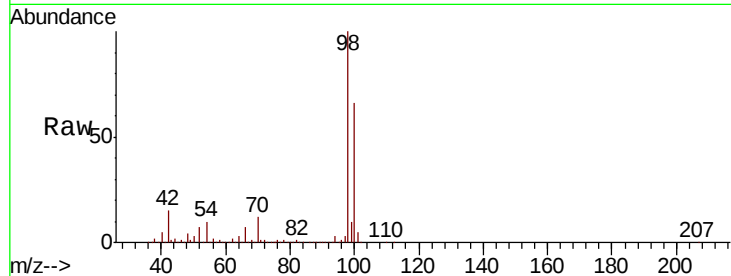




#50
Toluene-d8
Concen: 49.673 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

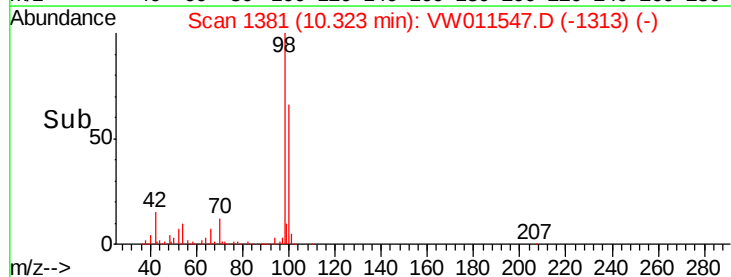
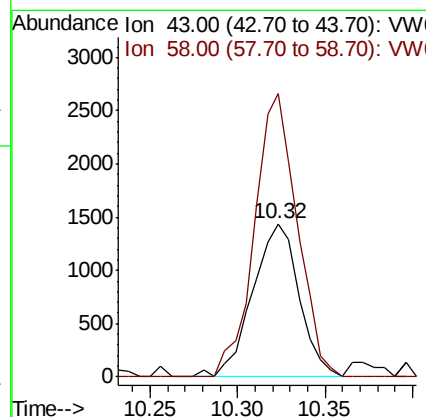
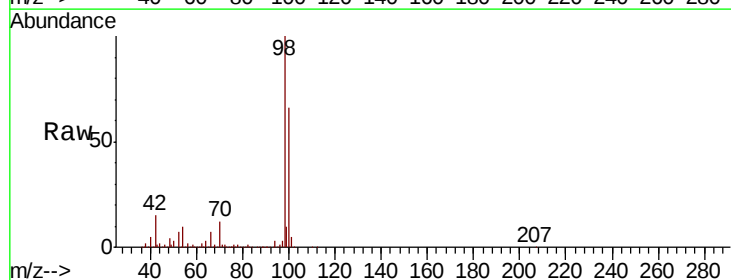
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP-OS

Tot Ion: 98 Resp: 444476
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.189 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 170.2 28.2 42.2#

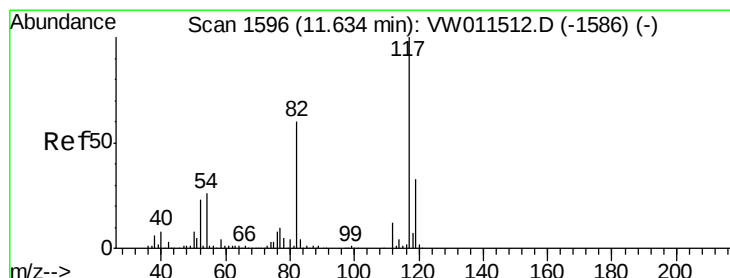
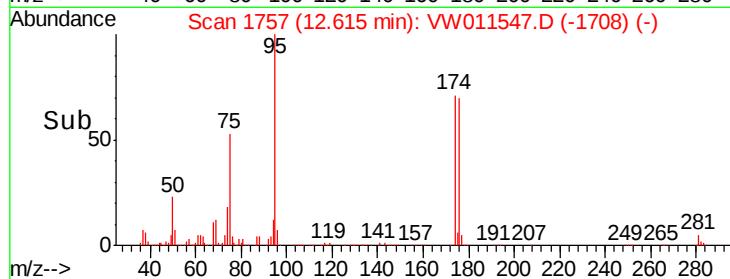
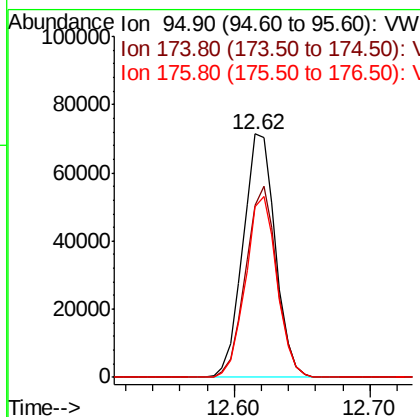
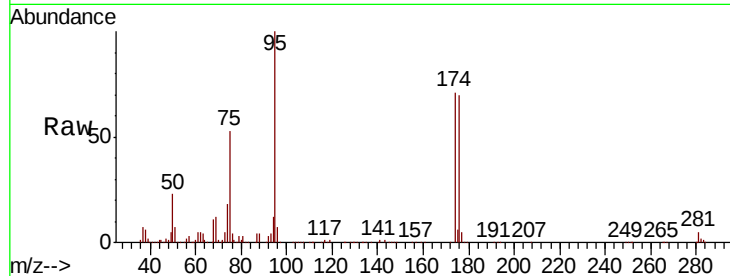




#62
4-Bromofluorobenzene
Concen: 37.275 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

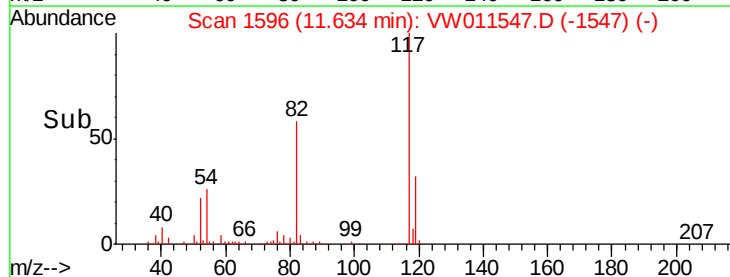
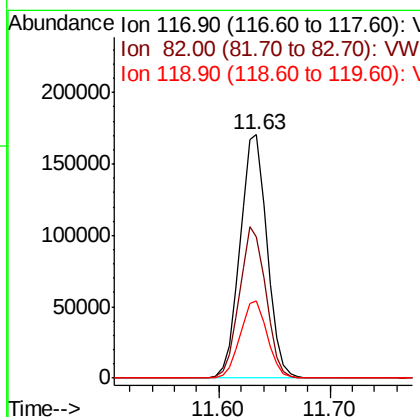
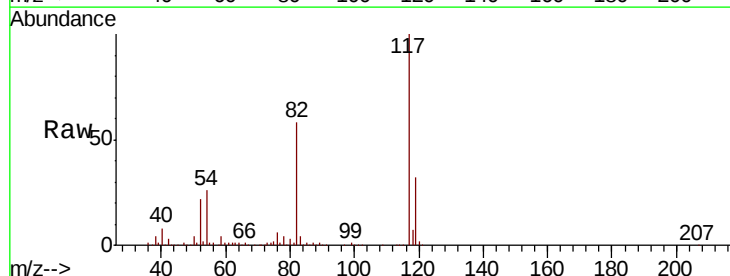
Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP-OS

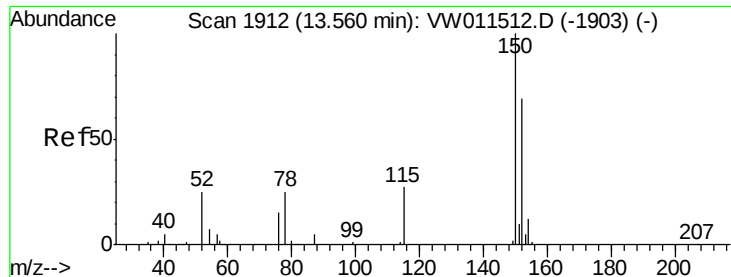
Tot Ion: 95 Resp: 118915
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.2
176 72.3 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

Tgt Ion: 117 Resp: 286555
Ion Ratio Lower Upper
117 100
82 57.9 47.9 71.9
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011547.D

Acq: 27 Jul 2019 05:37

Instrument :

MSVOA_W

ClientSampleId :

DRUM-COMP-OS

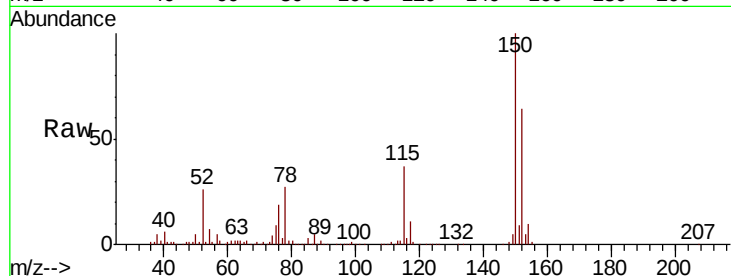
Tot Ion:152 Resp: 76773

Ion Ratio Lower Upper

152 100

115 58.5 30.5 91.5

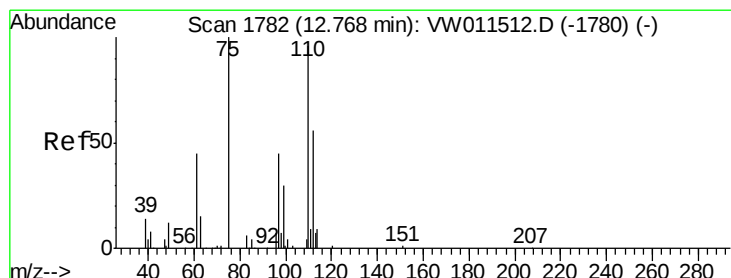
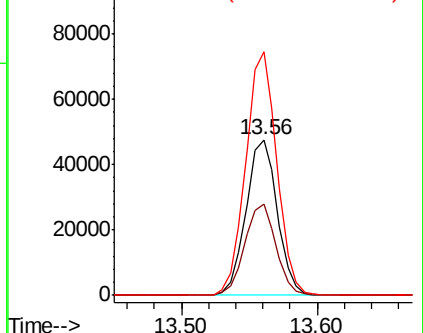
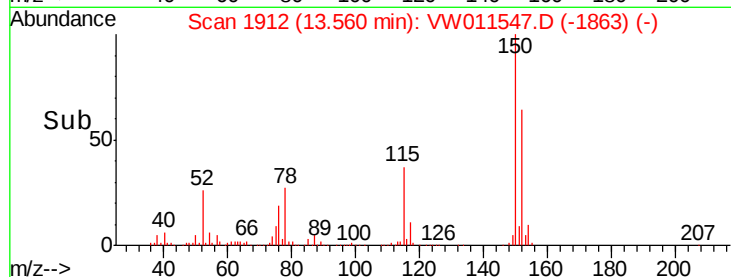
150 155.1 0.0 352.6



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: 78.341 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011547.D

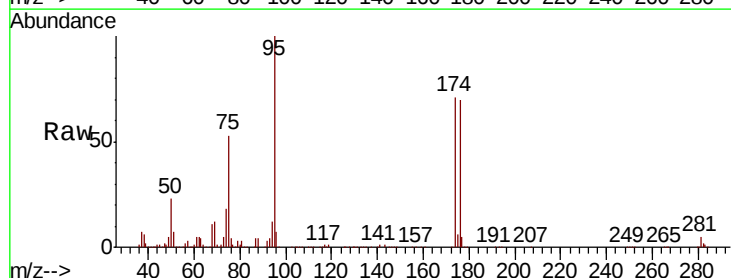
Acq: 27 Jul 2019 05:37

Tgt Ion: 75 Resp: 63640

Ion Ratio Lower Upper

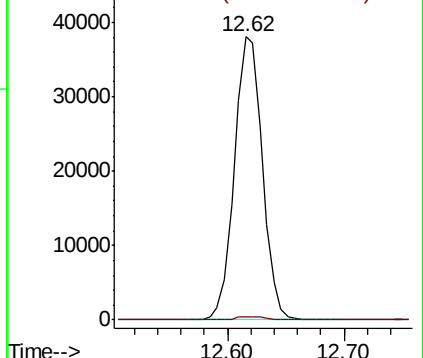
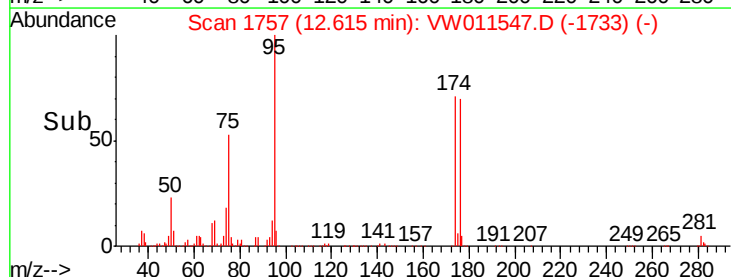
75 100

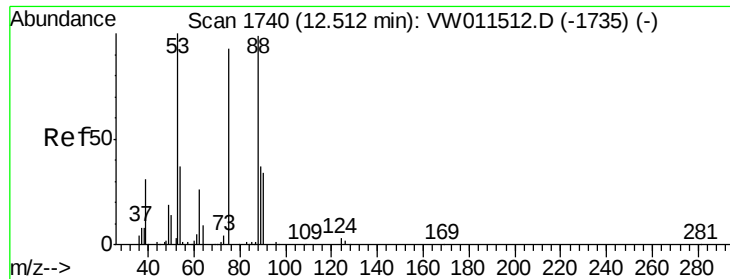
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

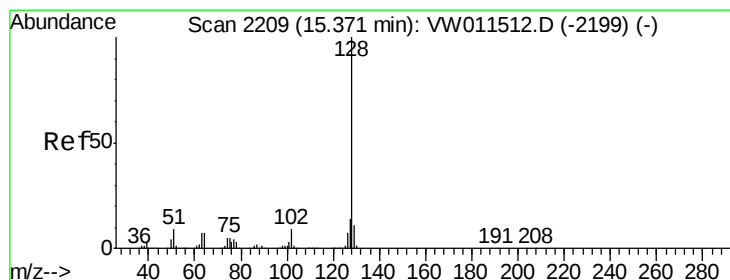
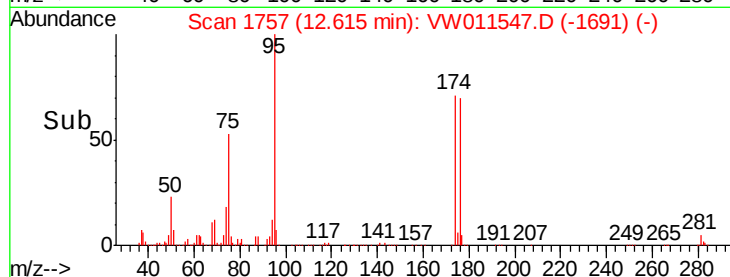
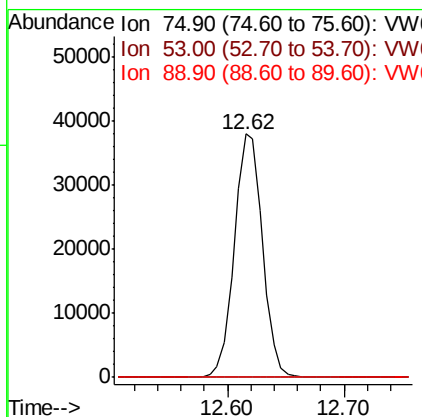
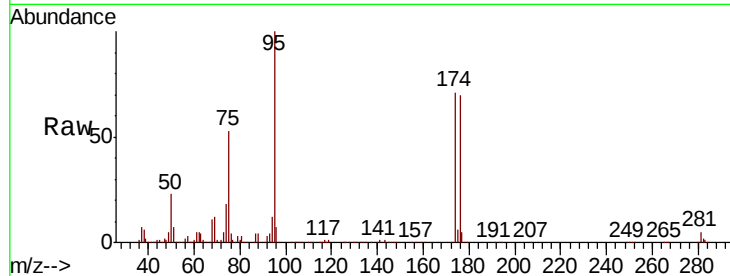




#81
trans-1,4-Dichloro-2-butene
Concen: 180.549 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

Instrument :
MSVOA_W
ClientSampleId :
DRUM-COMP-OS

Tot Ion: 75 Resp: 63640
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.198 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011547.D
Acq: 27 Jul 2019 05:37

Tgt Ion: 128 Resp: 419
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

