

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013389.D
 Acq On : 02 Oct 2019 19:56
 Operator : SY/VA
 Sample : K5155-01
 Misc : 7.82G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STOCKPILE

Quant Time: Oct 03 07:04:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	476197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	398738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	175310	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	133062	56.31	ug/l	0.00
Spiked Amount			Recovery	=	112.62%	
35) Dibromofluoromethane	7.88	113	132348	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.32	98	551924	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.62	95	174147	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	

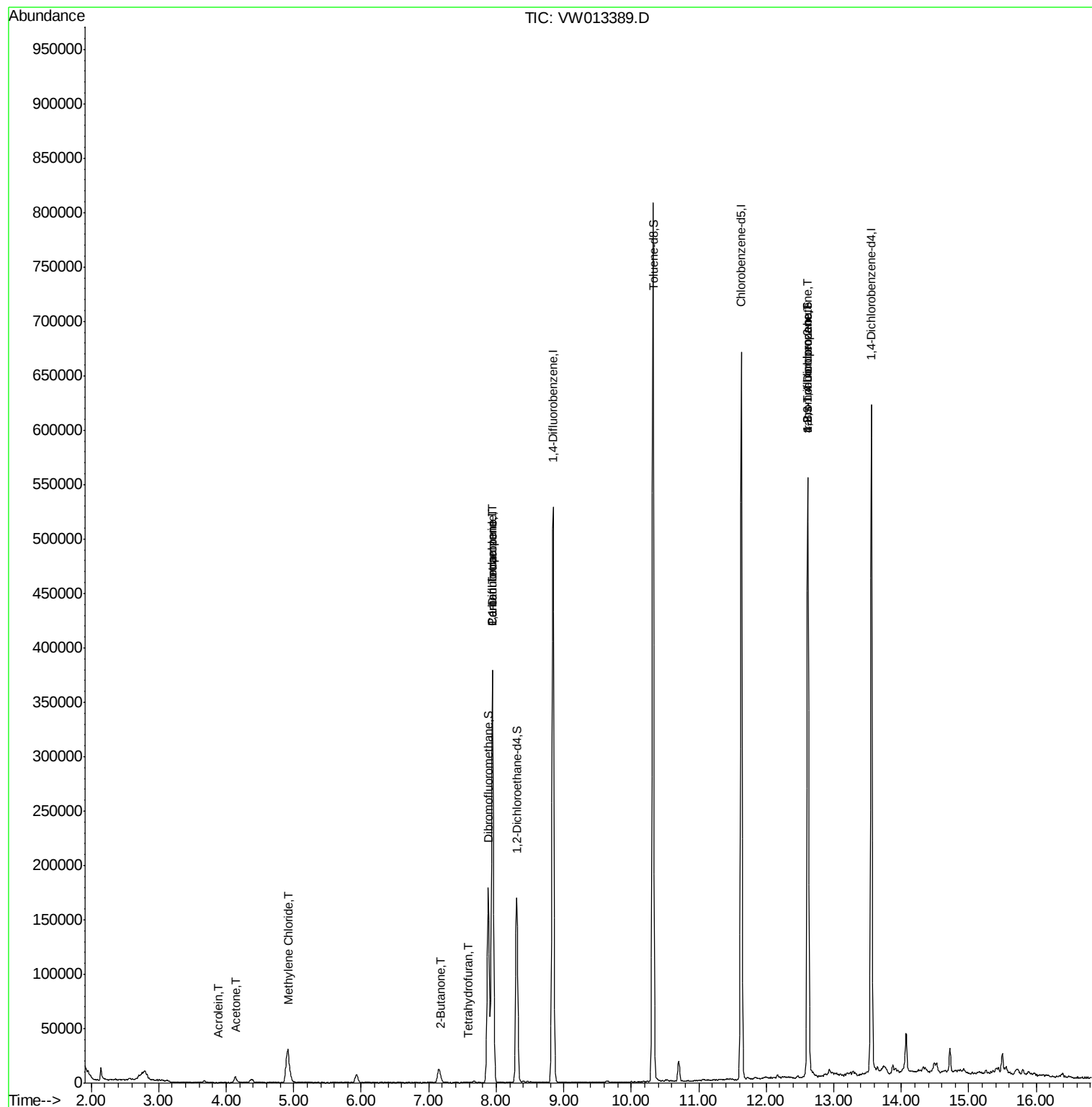
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	64	Below Cal	#	73
13) Acrolein	3.89	56	95	10.958	ug/l #	15
16) Acetone	4.14	43	9880	13.639	ug/l	92
20) Methylene Chloride	4.92	84	28385	7.878	ug/l	91
25) 2-Butanone	7.18	43	3062	3.304	ug/l #	81
26) 2,2-Dichloropropane	7.15	77	836	Below Cal	#	52
29) Tetrahydrofuran	7.59	42	40	9.765	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	20164	4.559	ug/l #	48
38) Carbon Tetrachloride	7.95	117	27204	7.100	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	82236	52.780	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82236	107.008	ug/l #	12

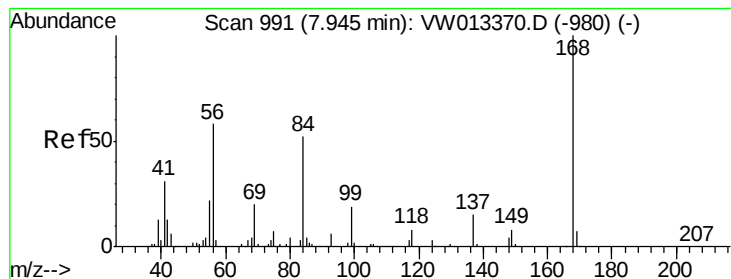
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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STOCKPILE

Quant Time: Oct 03 07:04:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013389.D

Acq: 02 Oct 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

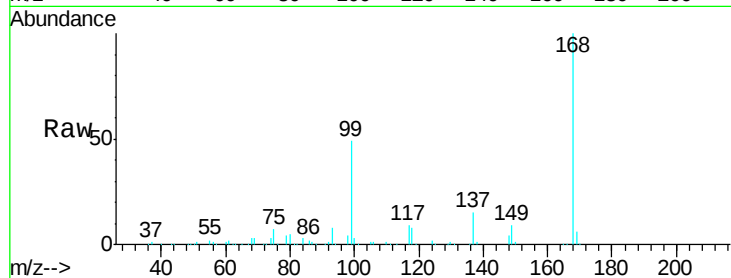
STOCKPILE

Tgt Ion: 168 Resp: 316501

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

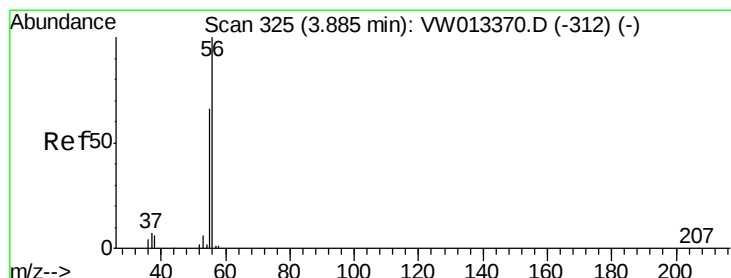
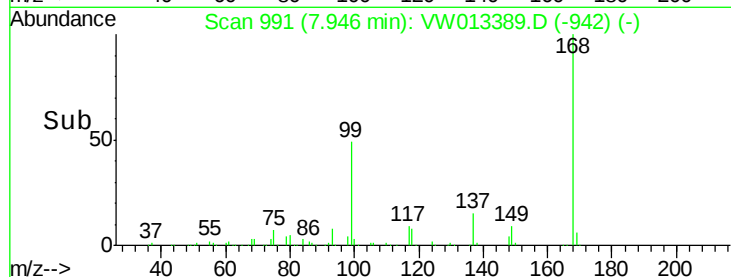
100000

50000

0

7.90 8.00

Time-->



#13

Acrolein

Concen: 10.958 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013389.D

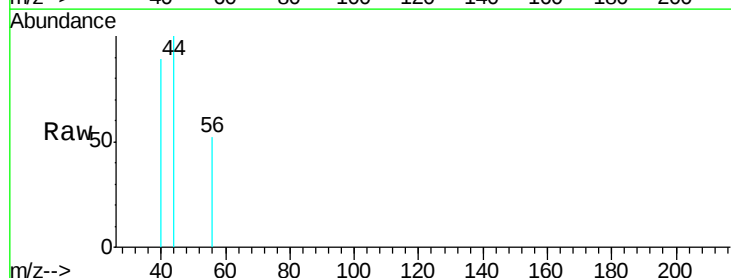
Acq: 02 Oct 2019 19:56

Tgt Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

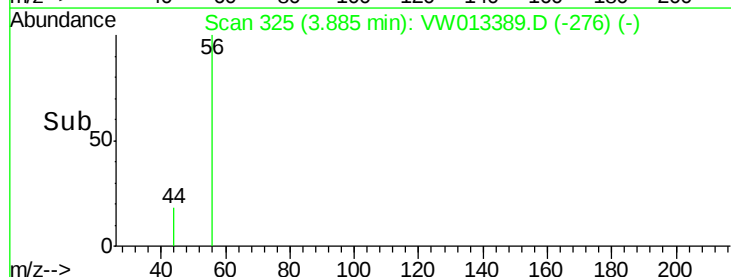
100

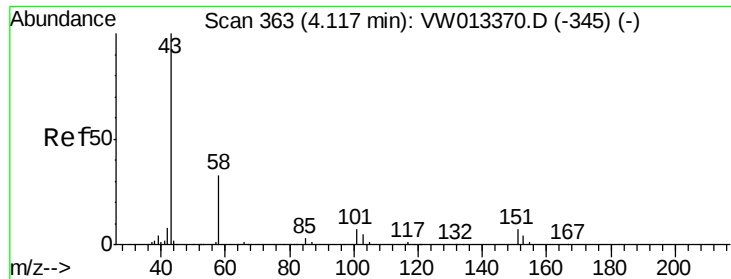
50

0

3.88 3.90 3.92

Time-->





#16

Acetone

Concen: 13.639 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

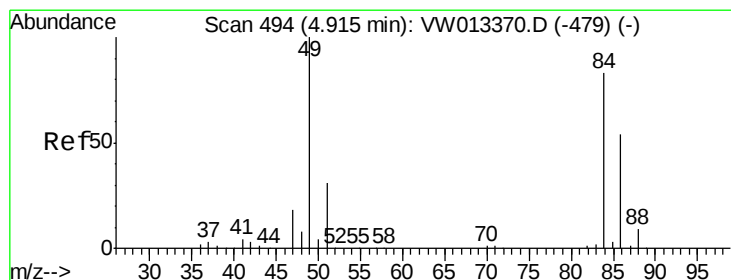
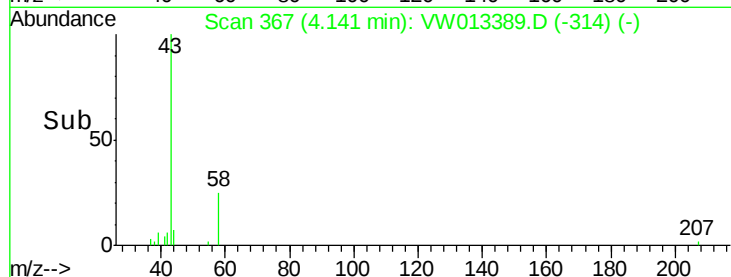
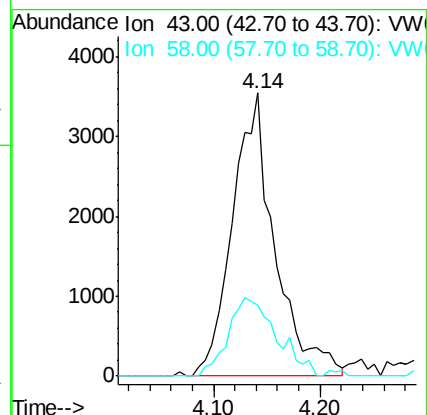
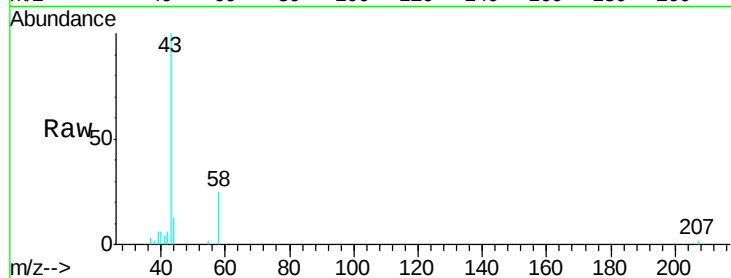
STOCKPILE

Tgt Ion: 43 Resp: 9880

Ion Ratio Lower Upper

43 100

58 25.9 24.1 36.1



#20

Methylene Chloride

Concen: 7.878 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

Tgt Ion: 84 Resp: 28385

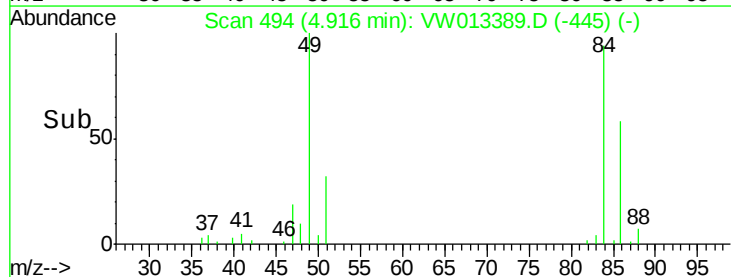
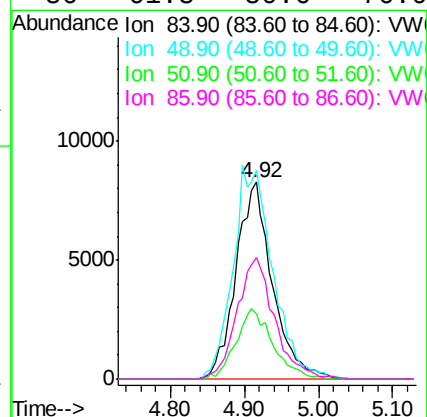
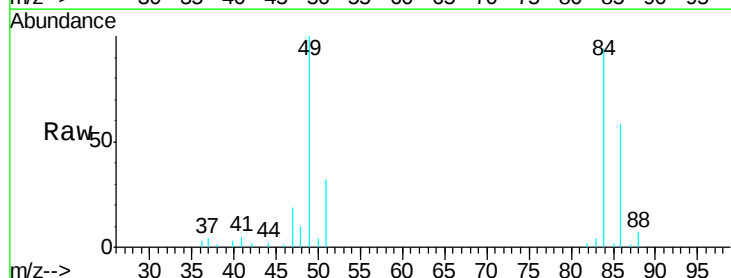
Ion Ratio Lower Upper

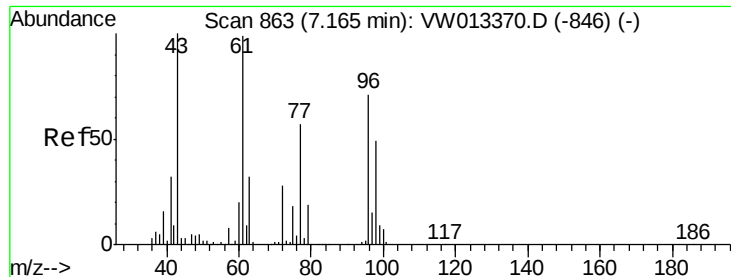
84 100

49 106.3 97.6 146.4

51 33.5 30.2 45.2

86 61.8 50.6 76.0





#25

2-Butanone

Concen: 3.304 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

Instrument :

MSVOA_W

ClientSampled :

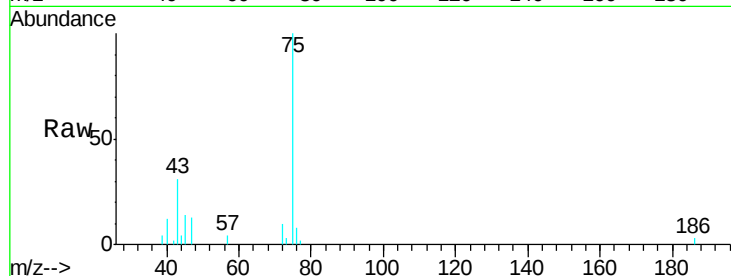
STOCKPILE

Tgt Ion: 43 Resp: 3062

Ion Ratio Lower Upper

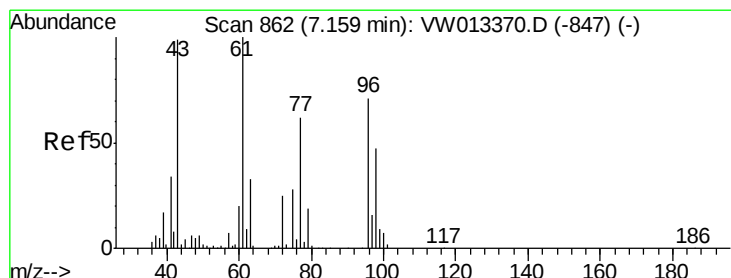
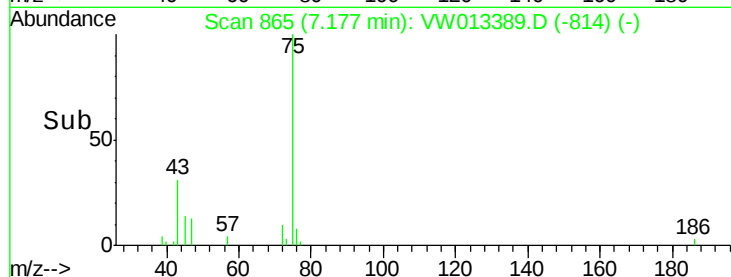
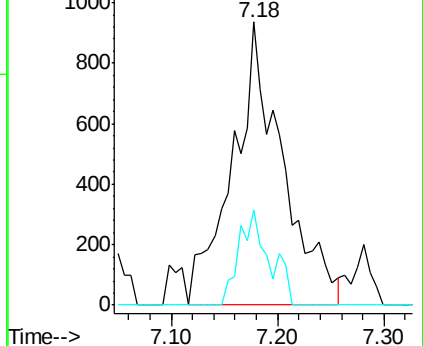
43 100

72 33.8 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: VW013389.D

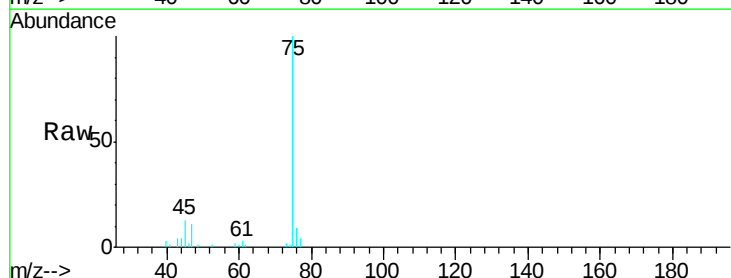
Acq: 02 Oct 2019 19:56

Tgt Ion: 77 Resp: 836

Ion Ratio Lower Upper

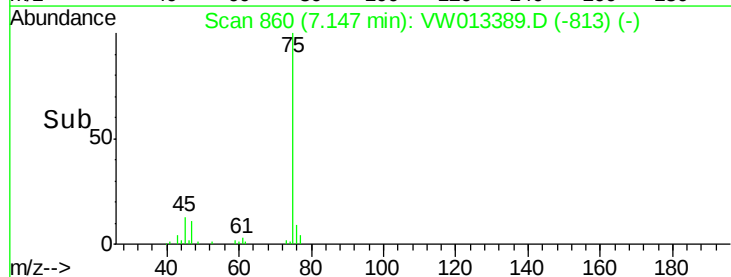
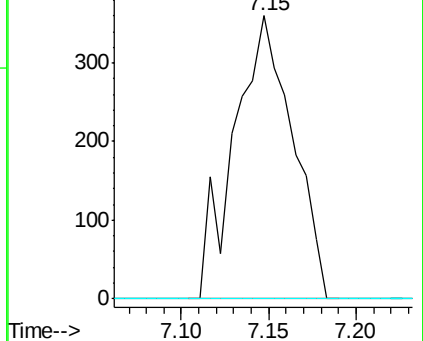
77 100

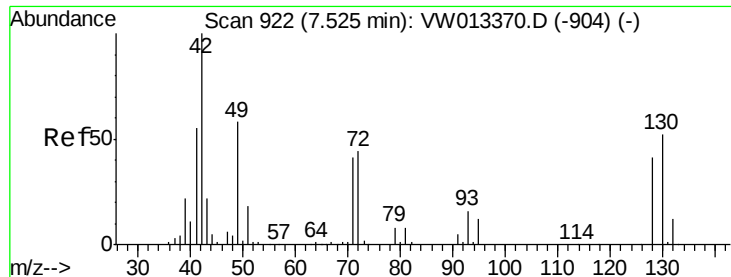
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#29

Tetrahydrofuran

Concen: 9.765 ug/l

RT: 7.59 min Scan# 933

Delta R.T. 0.07 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

STOCKPILE

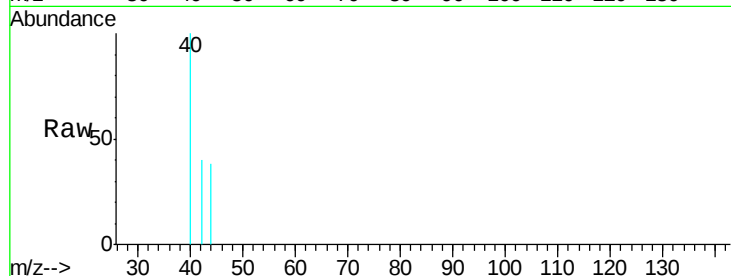
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

42 100

72 0.0 33.9 50.9#

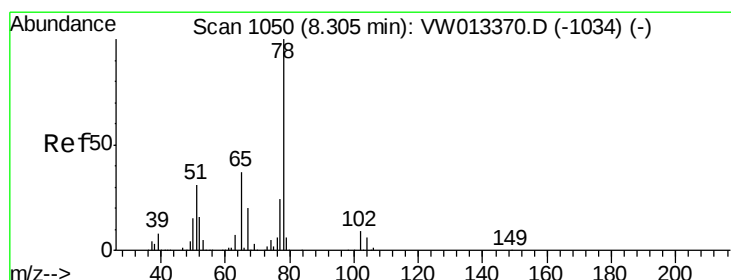
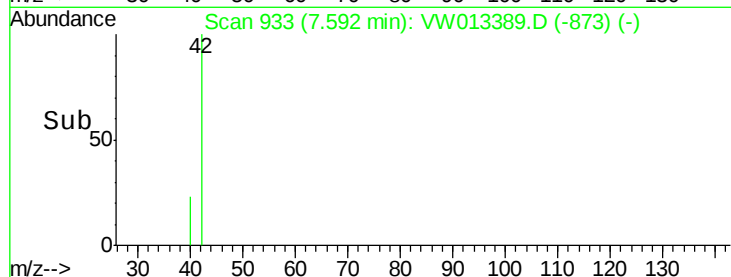
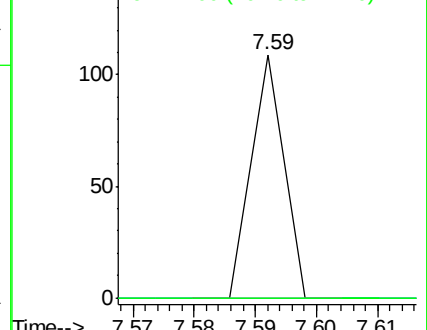
71 0.0 31.9 47.9#



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



#33

1,2-Dichloroethane-d4

Concen: 56.305 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013389.D

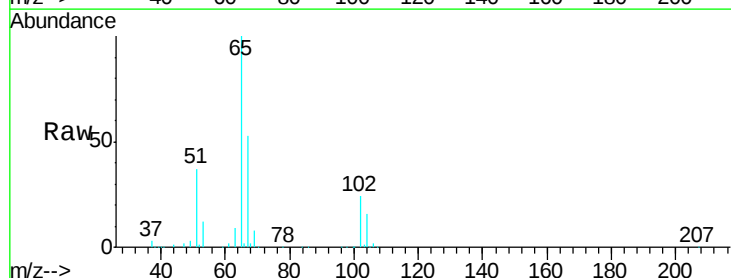
Acq: 02 Oct 2019 19:56

Tgt Ion: 65 Resp: 133062

Ion Ratio Lower Upper

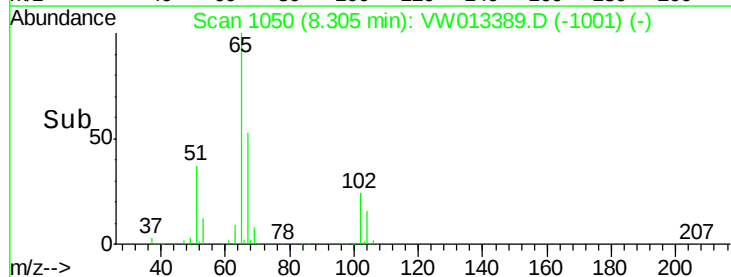
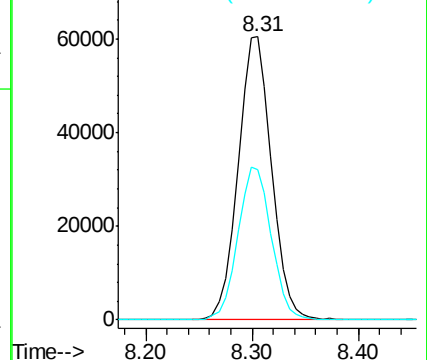
65 100

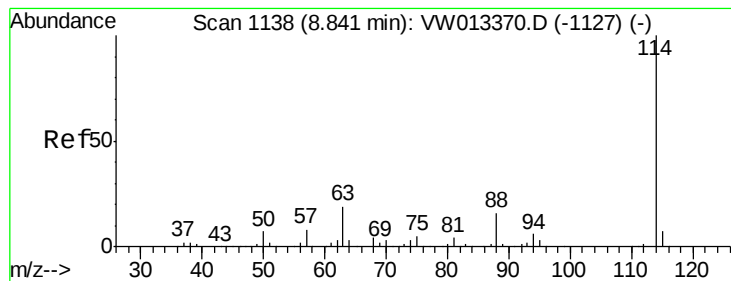
67 54.1 0.0 106.2



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: VW013389.D

Acq: 02 Oct 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

STOCKPILE

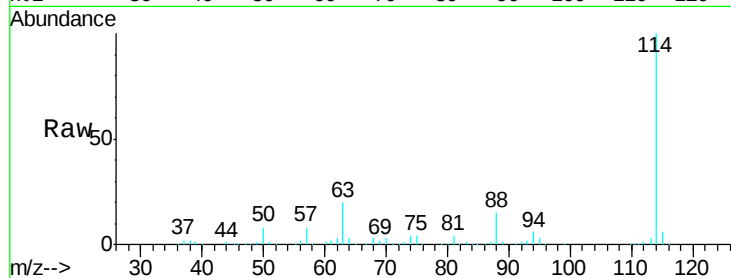
Tgt Ion:114 Resp: 476197

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

88 15.5 0.0 32.0



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

300000

250000

200000

150000

100000

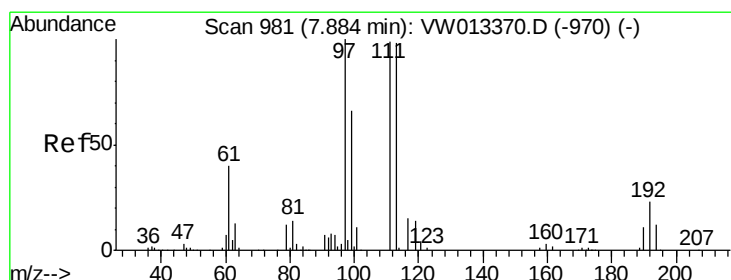
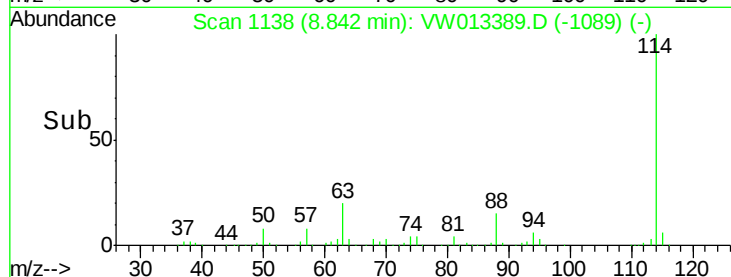
50000

0

8.84

8.70 8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 52.966 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

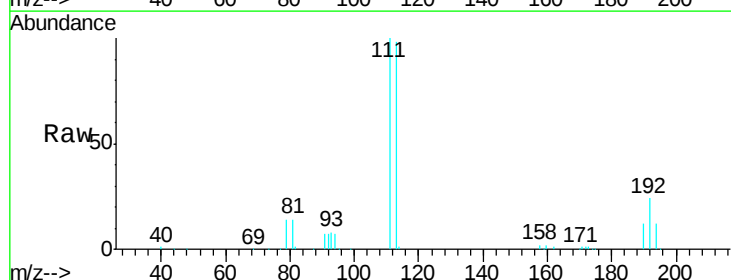
Tgt Ion:113 Resp: 132348

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 24.5 19.1 28.7



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

60000

40000

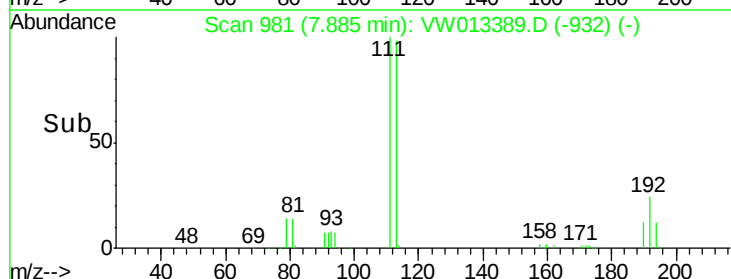
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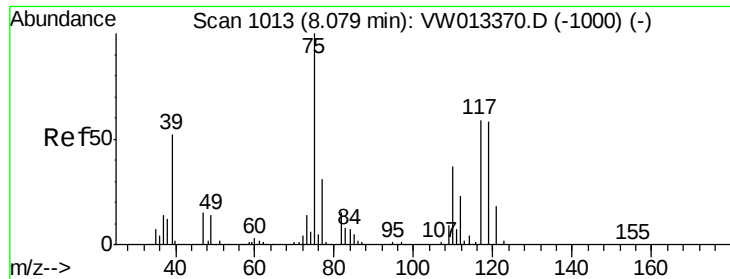
0

7.88

7.80 7.90 8.00

Time-->

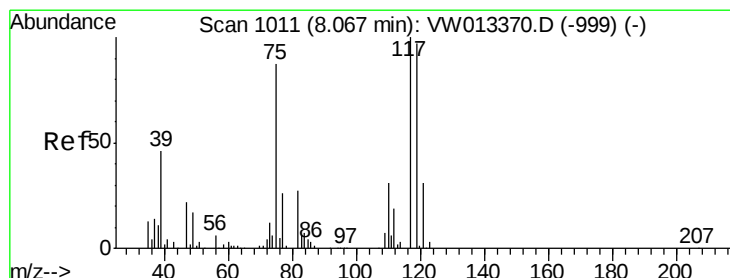
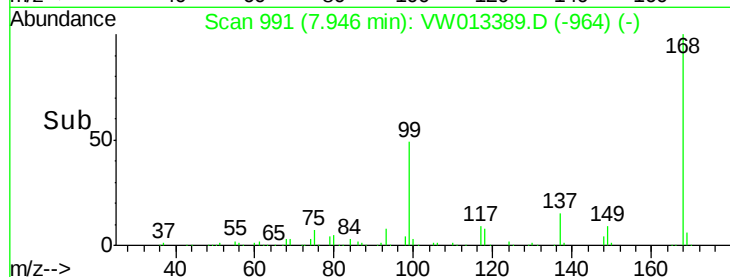
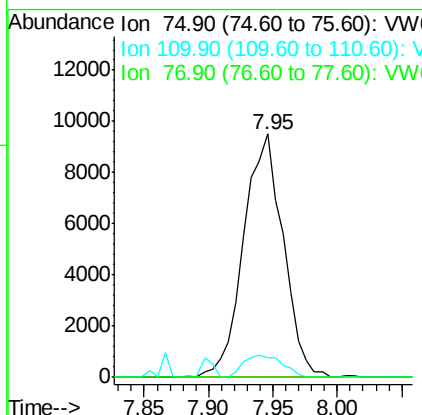
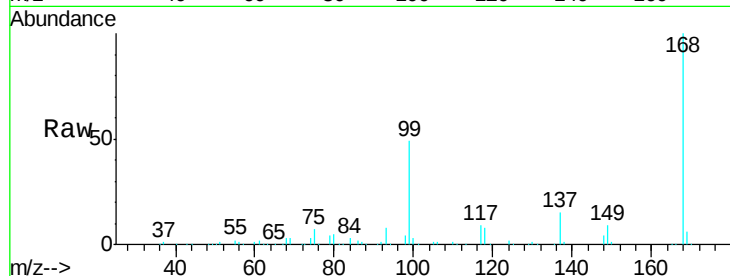




#36
 1,1-Dichloropropene
 Concen: 4.559 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013389.D
 Acq: 02 Oct 2019 19:56

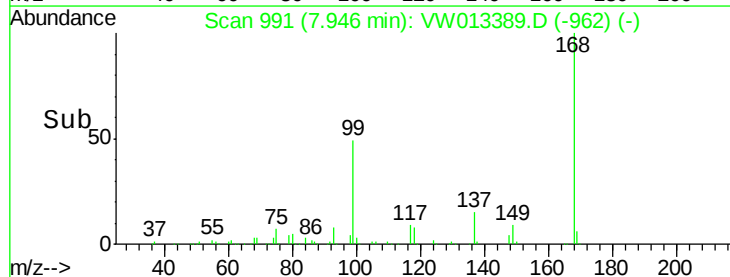
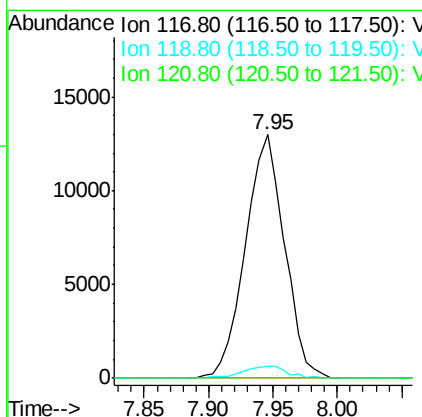
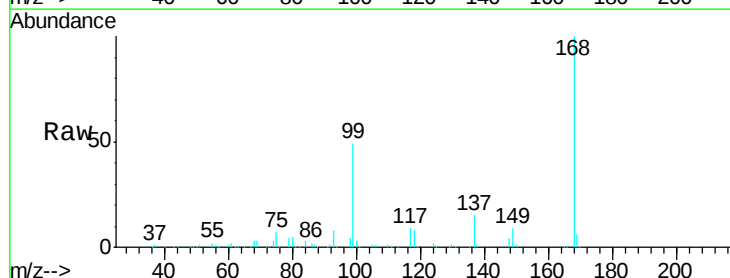
Instrument :
 MSVOA_W
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 STOCKPILE

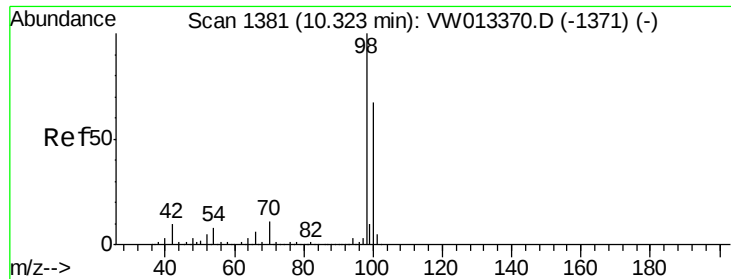
Tgt Ion: 75 Resp: 20164
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.3#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 7.100 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013389.D
 Acq: 02 Oct 2019 19:56

Tgt Ion: 117 Resp: 27204
 Ion Ratio Lower Upper
 117 100
 119 4.7 73.5 110.3#
 121 0.0 25.0 37.6#

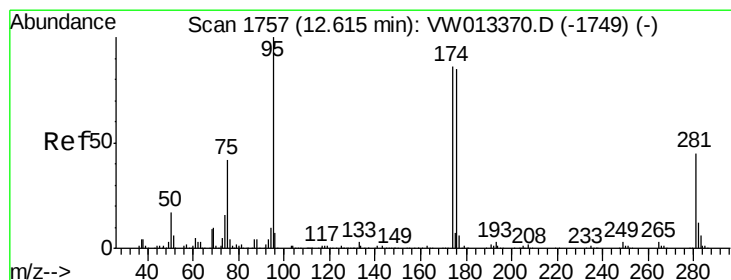
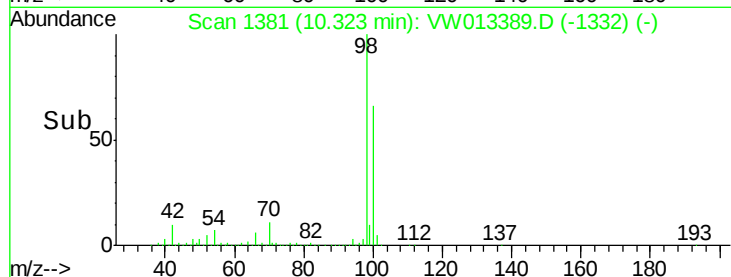
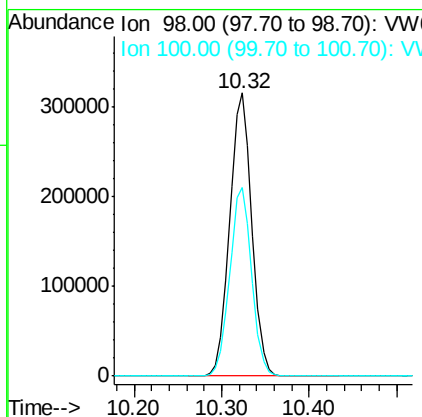
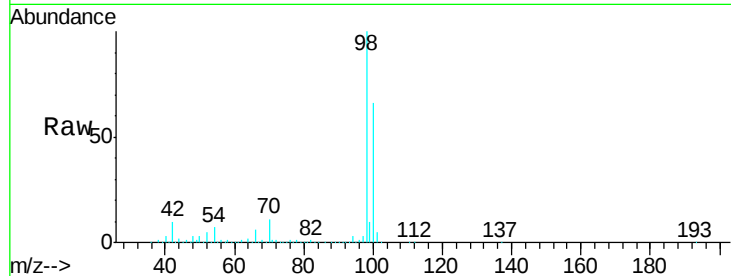




#50
Toluene-d8
Concen: 53.227 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013389.D
Acq: 02 Oct 2019 19:56

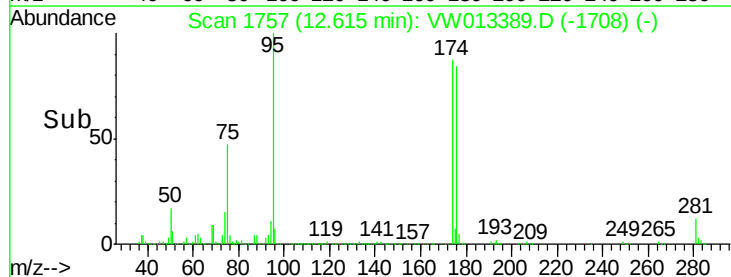
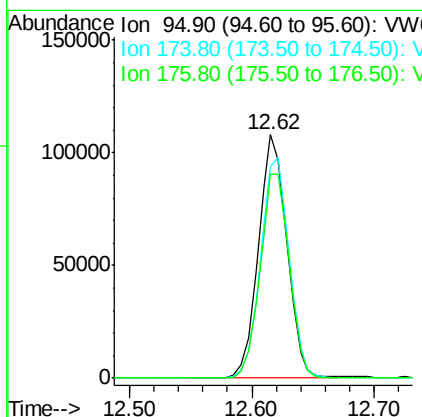
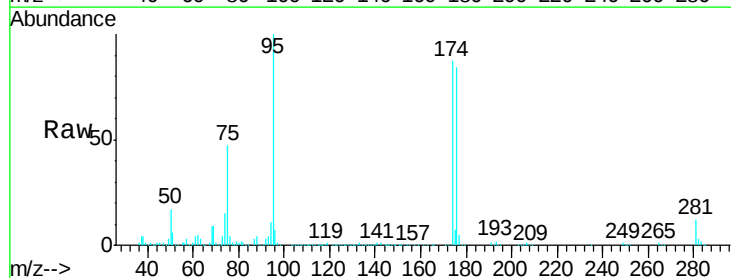
Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE

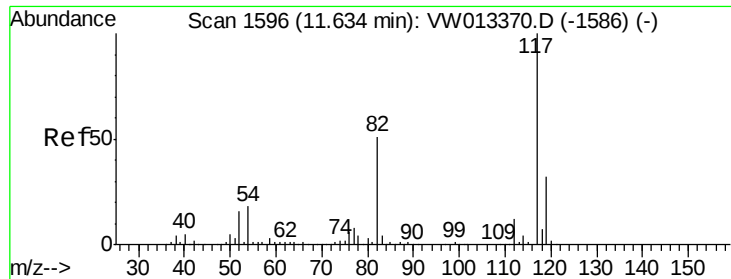
Tgt Ion: 98 Resp: 551924
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 50.293 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013389.D
Acq: 02 Oct 2019 19:56

Tgt Ion: 95 Resp: 174147
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.4
176 86.7 0.0 172.2

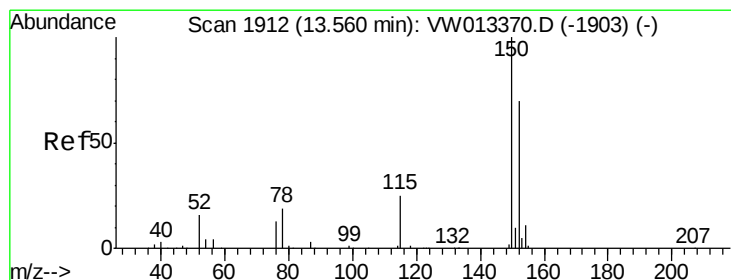
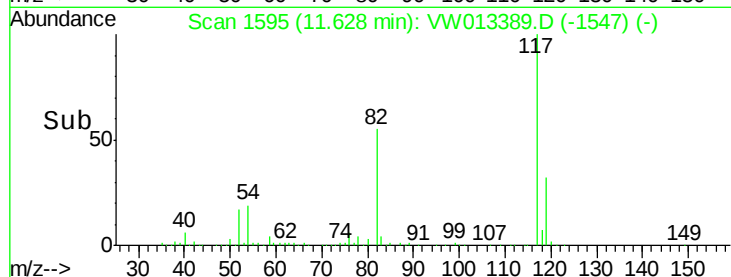
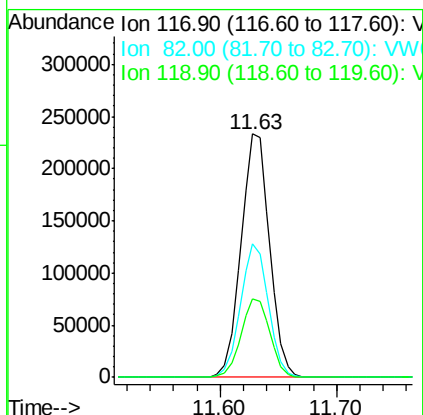
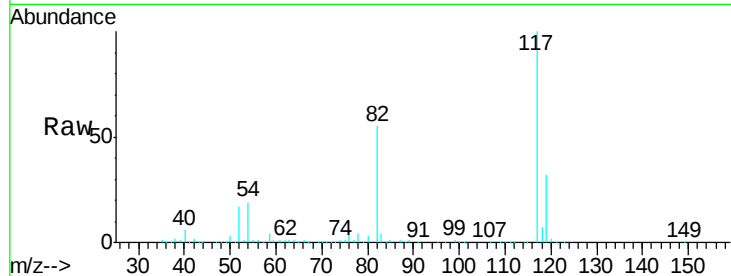




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013389.D
Acq: 02 Oct 2019 19:56

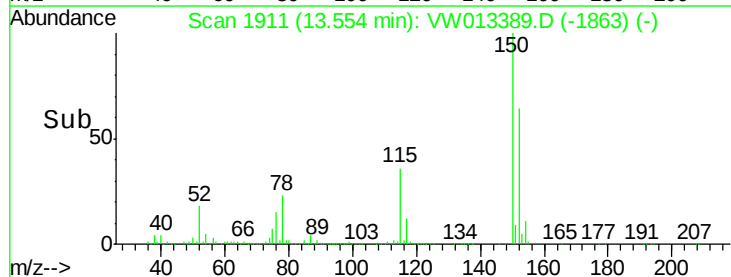
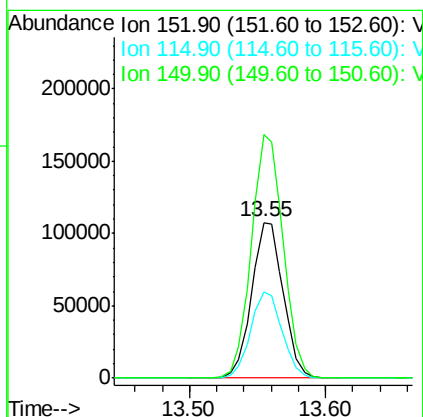
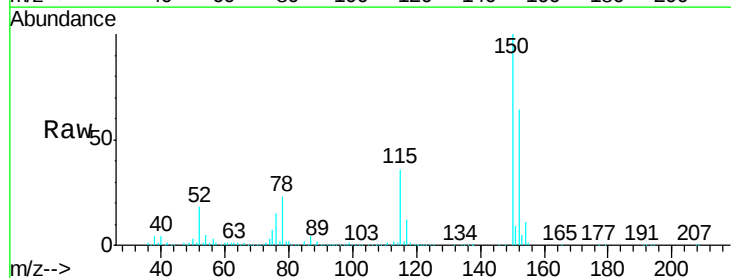
Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE

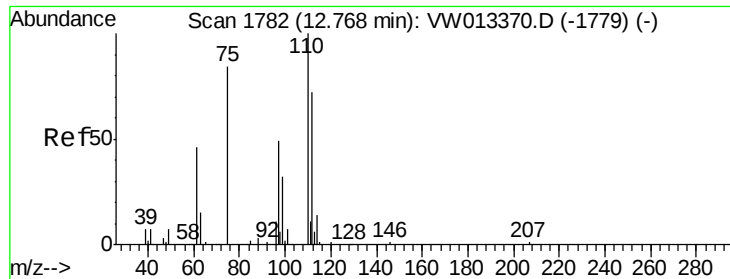
Tgt Ion:117 Resp: 398738
Ion Ratio Lower Upper
117 100
82 54.8 45.9 68.9
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013389.D
Acq: 02 Oct 2019 19:56

Tgt Ion:152 Resp: 175310
Ion Ratio Lower Upper
152 100
115 55.4 27.3 81.9
150 157.1 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 52.780 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

Instrument :

MSVOA_W

ClientSampleId :

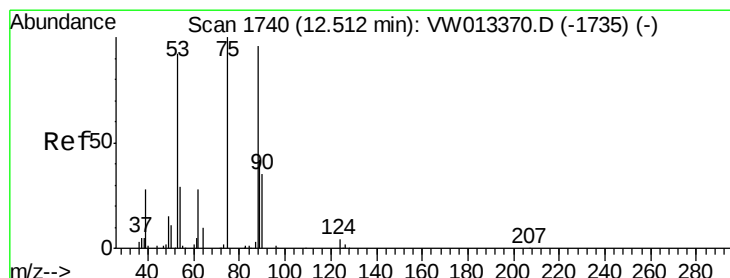
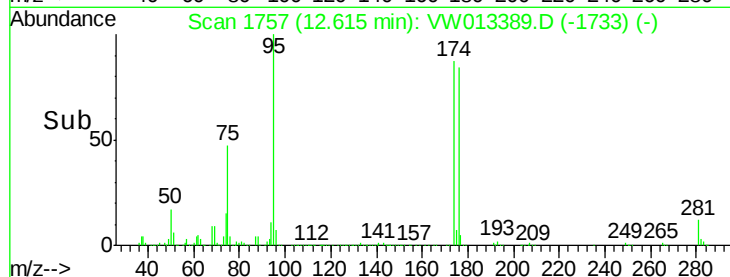
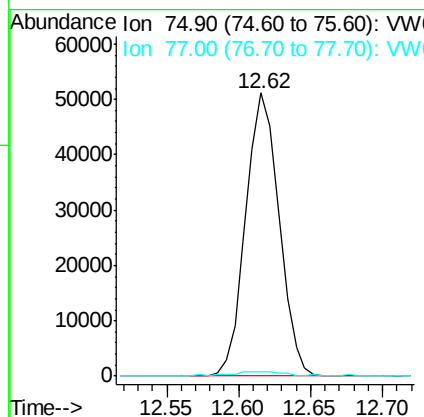
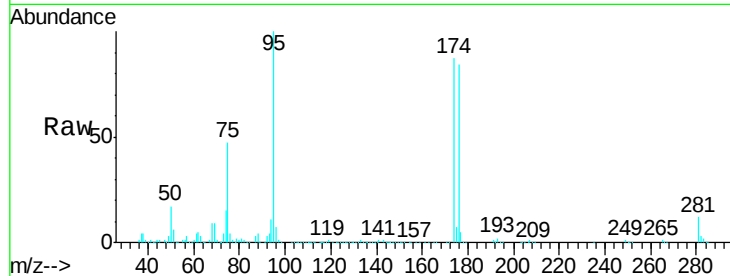
STOCKPILE

Tgt Ion: 75 Resp: 82236

Ion Ratio Lower Upper

75 100

77 2.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.008 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013389.D

Acq: 02 Oct 2019 19:56

Tgt Ion: 75 Resp: 82236

Ion Ratio Lower Upper

75 100

53 0.3 76.6 114.8#

89 0.1 33.5 50.3#

