

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013777.D
 Acq On : 28 Oct 2019 19:51
 Operator : SY/VA
 Sample : K5563-02
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 STOCKPILE

Quant Time: Oct 29 11:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	92718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101061	58.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.50%	
35) Dibromofluoromethane	7.88	113	102519	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.32	98	378384	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.62	95	97670	37.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.68%	

Target Compounds

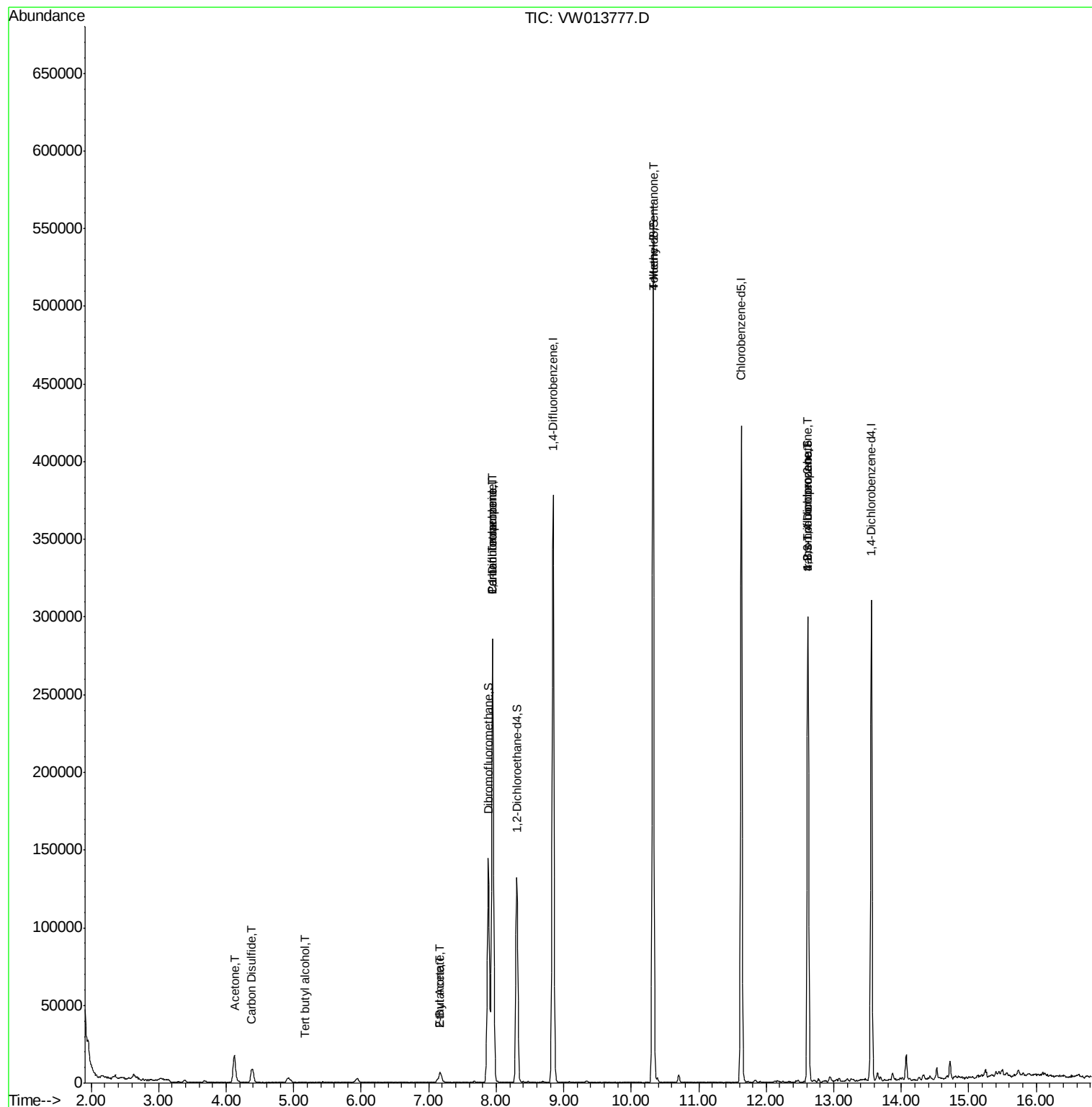
					Qvalue	
11) Tert butyl alcohol	5.17	59	268	2.588	ug/l #	71
16) Acetone	4.12	43	30836	83.823	ug/l	95
17) Carbon Disulfide	4.39	76	19041	3.196	ug/l #	94
20) Methylene Chloride	4.93	84	2833	Below Cal	#	60
25) 2-Butanone	7.17	43	10511	19.874	ug/l #	86
36) 1,1-Dichloropropene	7.95	75	15072	4.807	ug/l #	48
37) Ethyl Acetate	7.17	43	10511	8.757	ug/l #	68
38) Carbon Tetrachloride	7.95	117	19512	6.911	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	1626	1.424	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	45770	68.740	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	45770	129.909	ug/l #	14

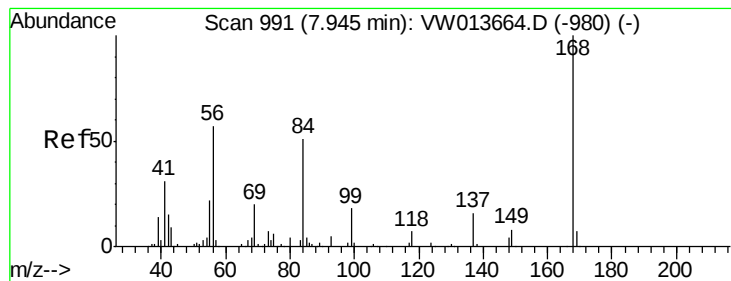
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
Data File : VW013777.D
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Instrument :
MSVOA_W
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STOCKPILE

Quant Time: Oct 29 11:48:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013777.D

Acq: 28 Oct 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

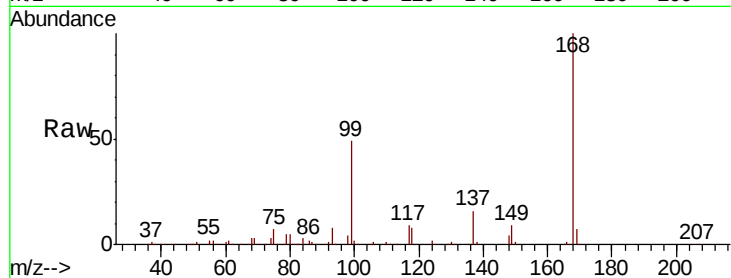
STOCKPILE

Tot Ion:168 Resp: 231280

Ion Ratio Lower Upper

168 100

99 49.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

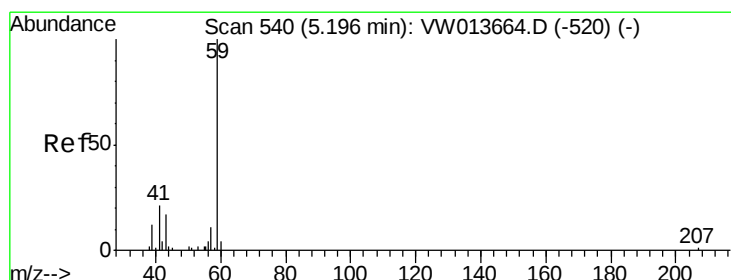
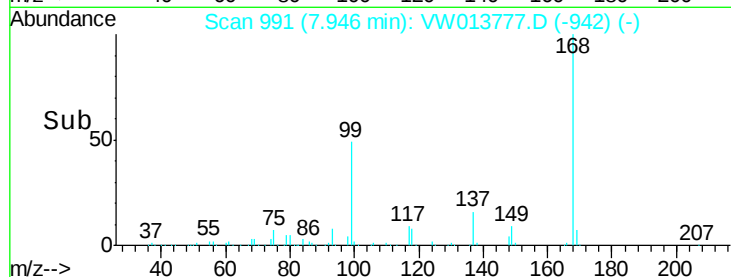
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.588 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.03 min

Lab File: VW013777.D

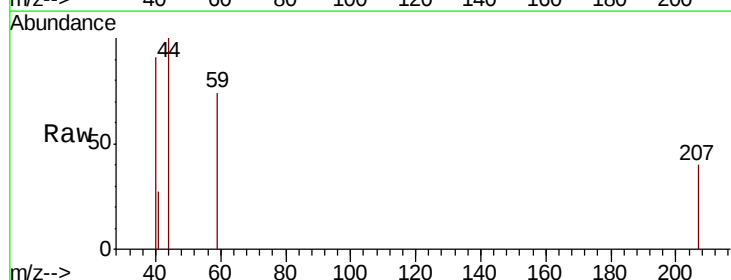
Acq: 28 Oct 2019 19:51

Tgt Ion: 59 Resp: 268

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

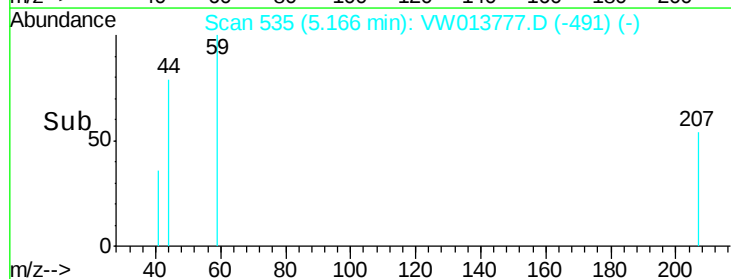
150

100

50

0

Time-->





#16

Acetone

Concen: 83.823 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

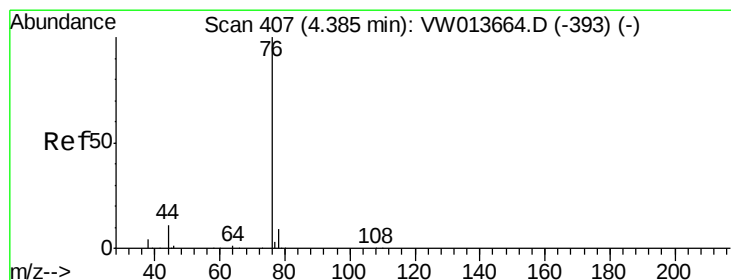
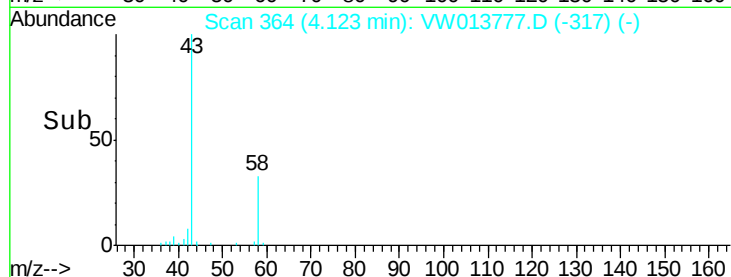
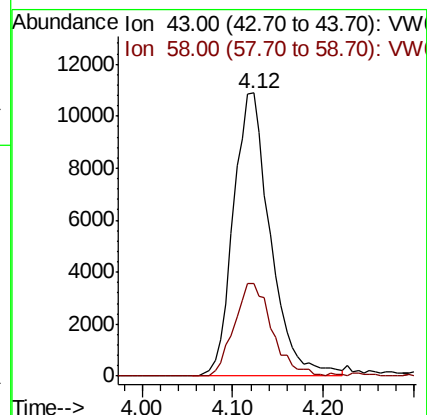
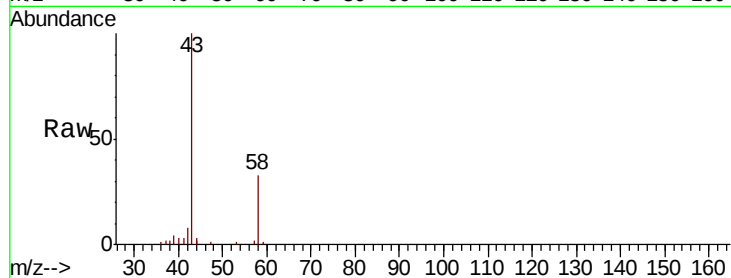
STOCKPILE

Tot Ion: 43 Resp: 30836

Ion Ratio Lower Upper

43 100

58 32.7 24.1 36.1



#17

Carbon Disulfide

Concen: 3.196 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW013777.D

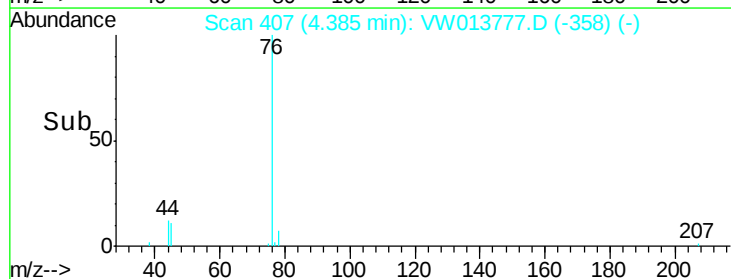
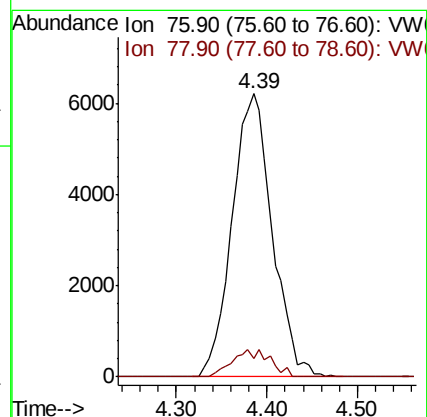
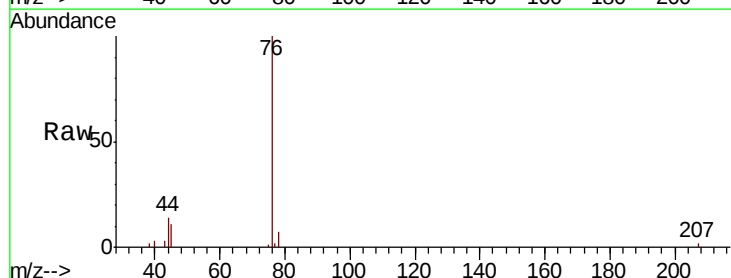
Acq: 28 Oct 2019 19:51

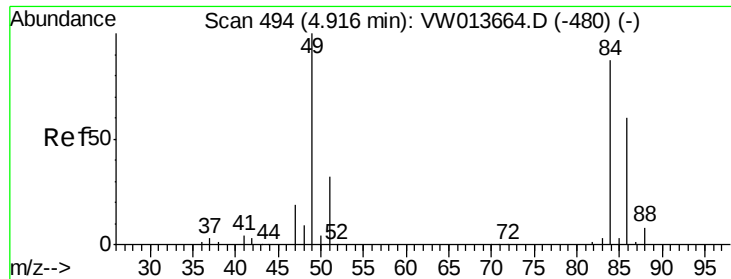
Tgt Ion: 76 Resp: 19041

Ion Ratio Lower Upper

76 100

78 6.6 7.0 10.6#

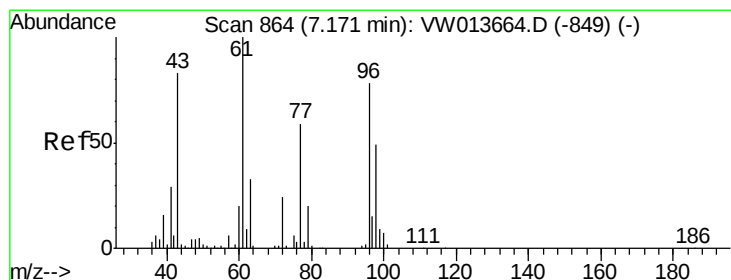
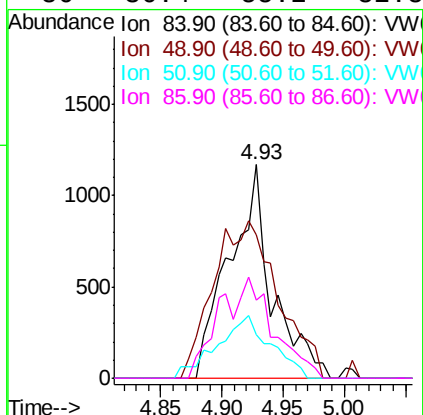
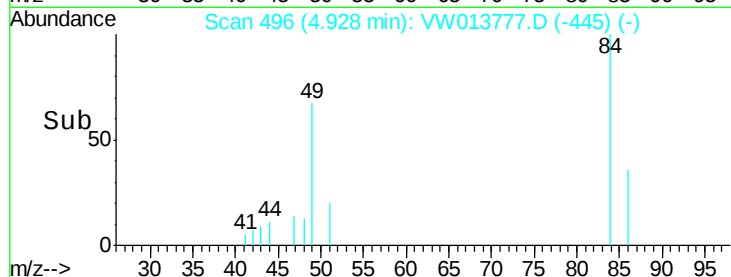
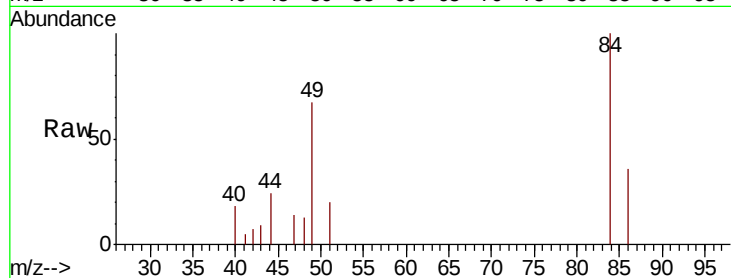




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

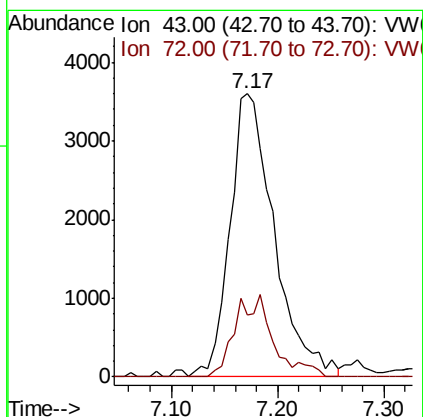
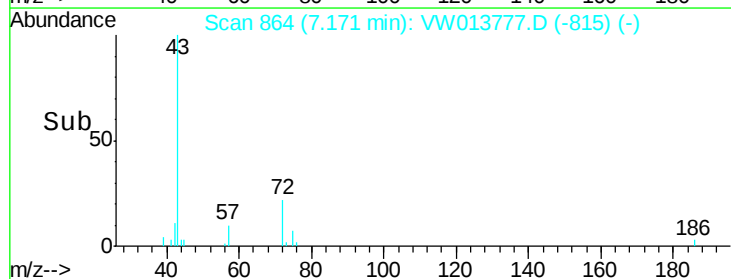
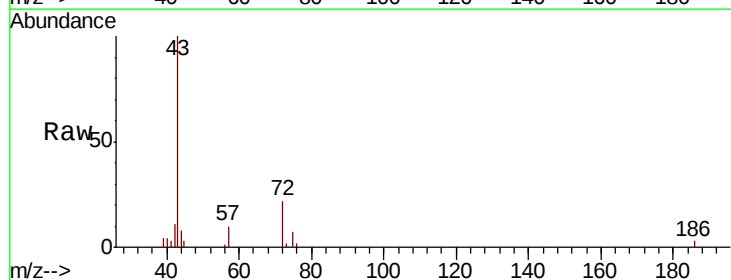
Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE

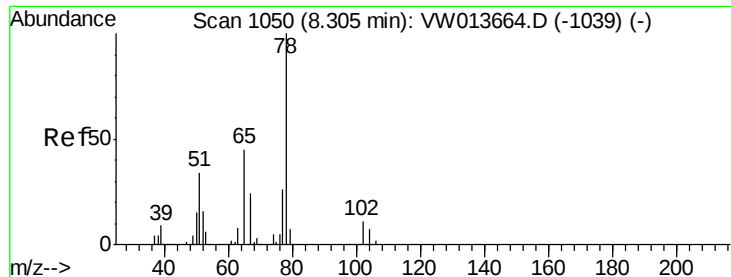
Tot Ion:	84	Resp:	2833
Ion	Ratio	Lower	Upper
84	100		
49	67.3	91.8	137.6#
51	20.4	29.8	44.6#
86	36.4	55.2	82.8#



#25
2-Butanone
Concen: 19.874 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

Tgt Ion:	43	Resp:	10511
Ion	Ratio	Lower	Upper
43	100		
72	21.8	23.6	35.4#





#33

1,2-Dichloroethane-d4

Concen: 58.249 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

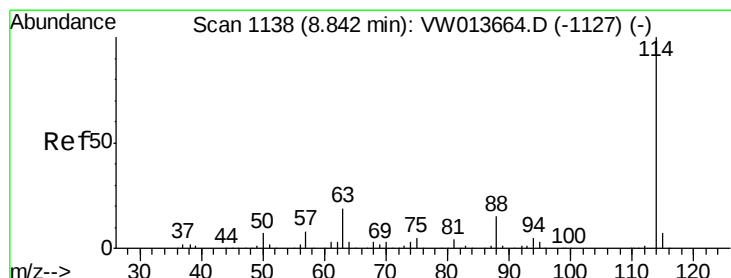
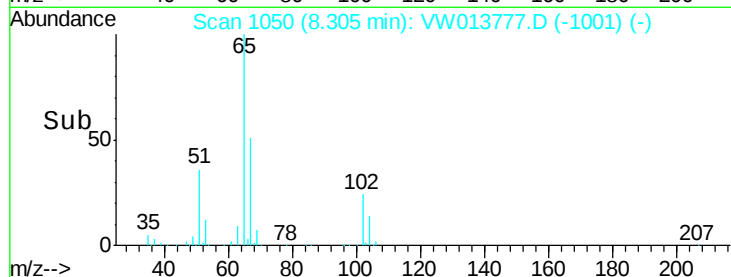
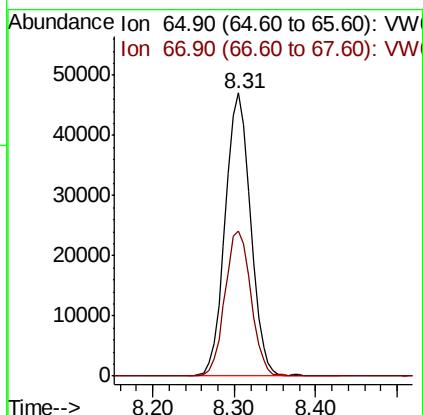
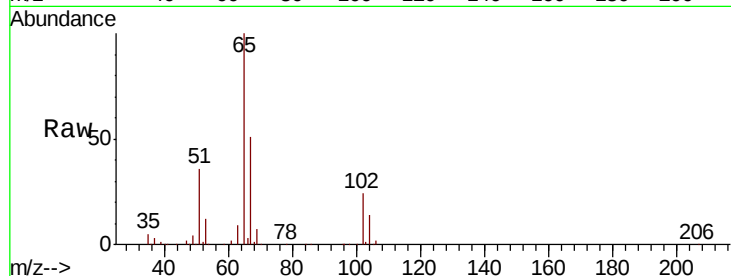
STOCKPILE

Tot Ion: 65 Resp: 101061

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

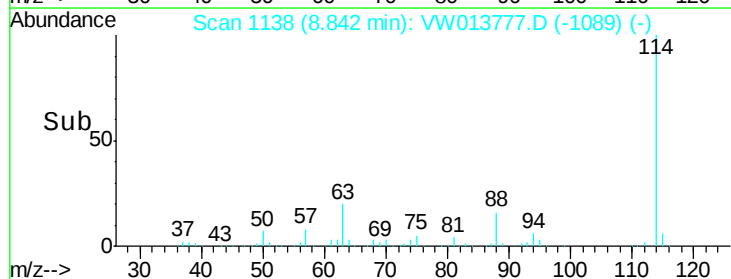
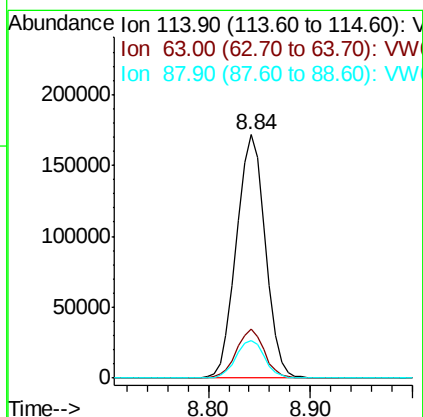
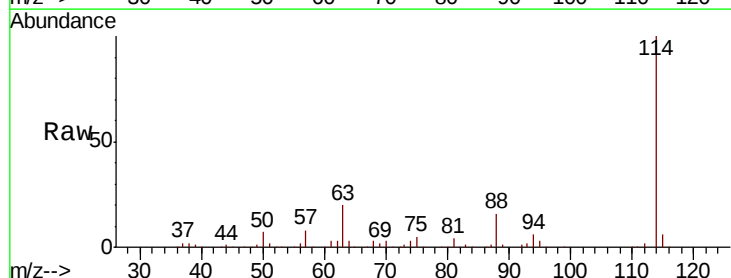
Tgt Ion: 114 Resp: 336673

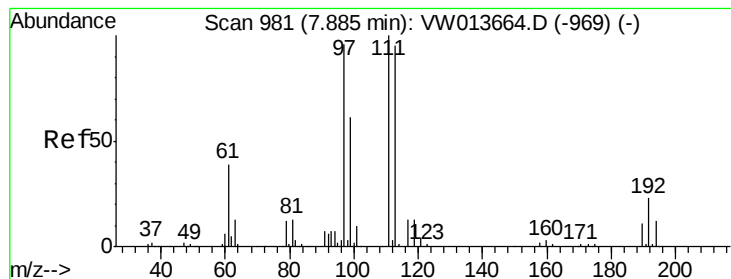
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.801 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

STOCKPILE

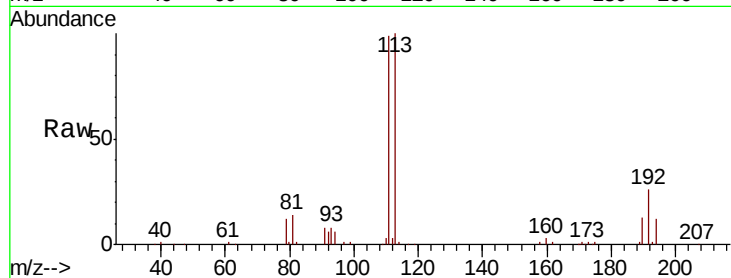
Tot Ion:113 Resp: 102519

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.6

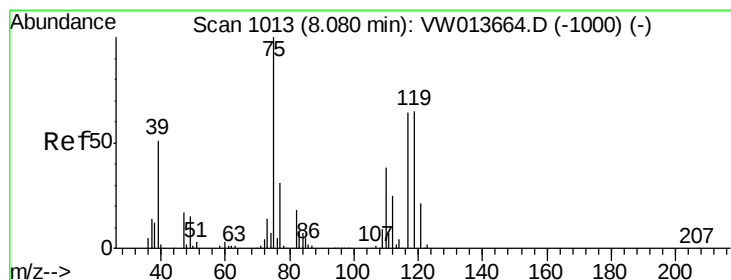
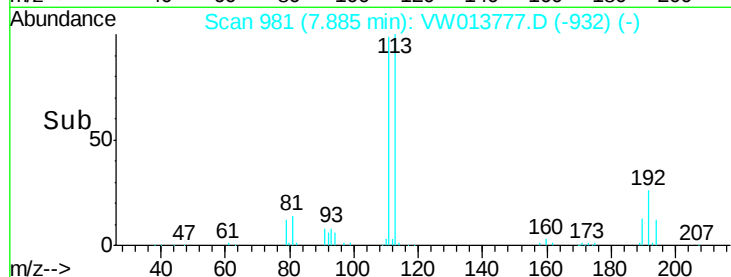
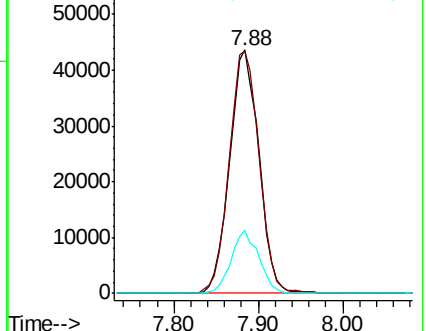
192 24.3 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 4.807 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

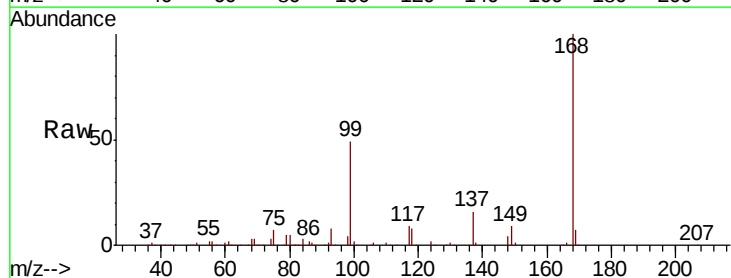
Tgt Ion: 75 Resp: 15072

Ion Ratio Lower Upper

75 100

110 8.7 18.7 56.1#

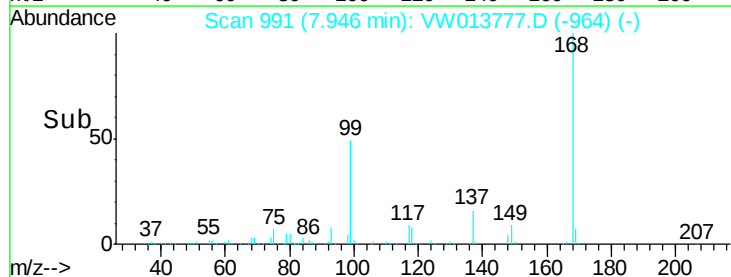
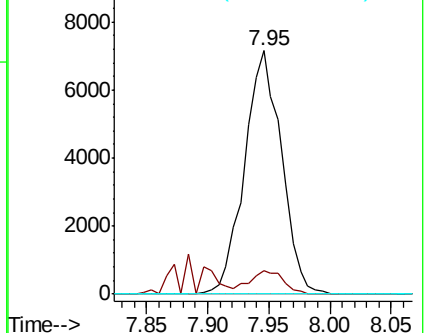
77 0.0 25.4 38.0#

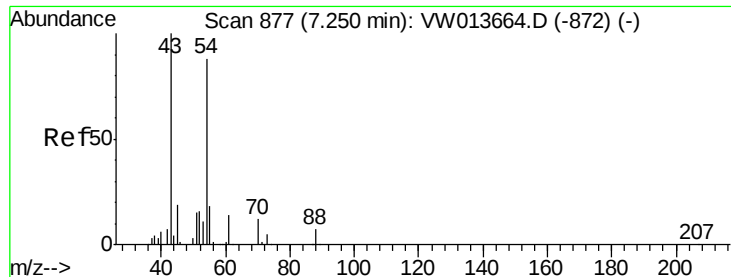


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

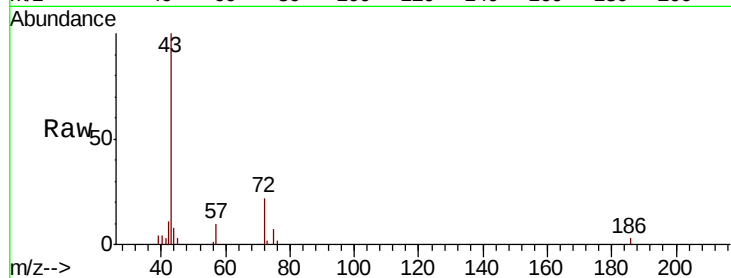




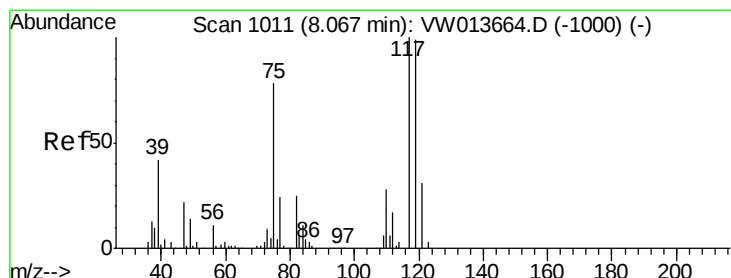
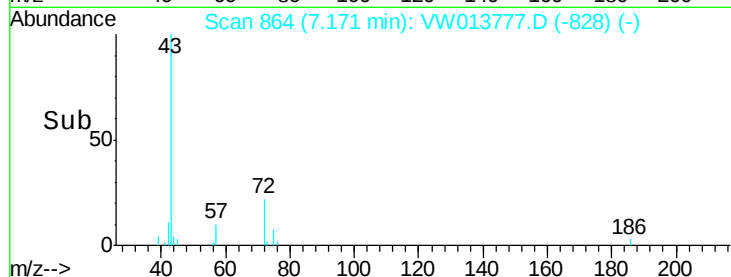
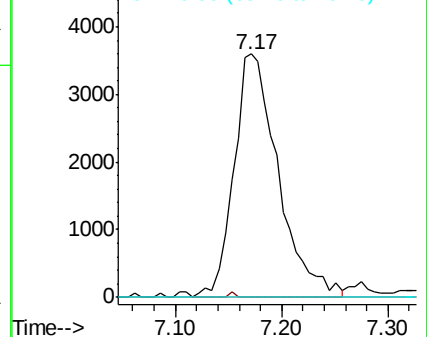
#37
Ethyl Acetate
Concen: 8.757 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE

Tot Ion: 43 Resp: 10511
Ion Ratio Lower Upper
43 100
61 0.3 11.7 17.5#
70 0.0 8.8 13.2#

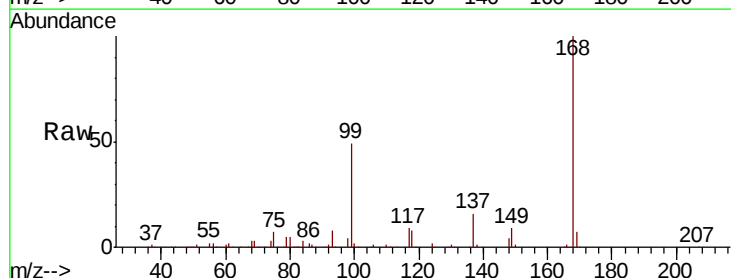


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

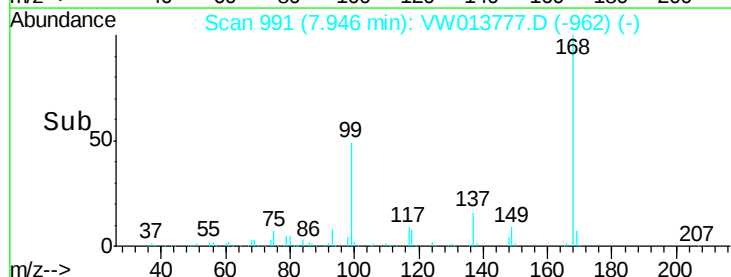
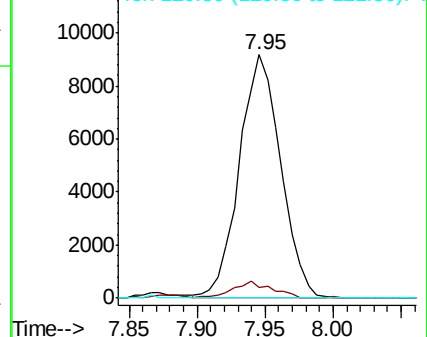


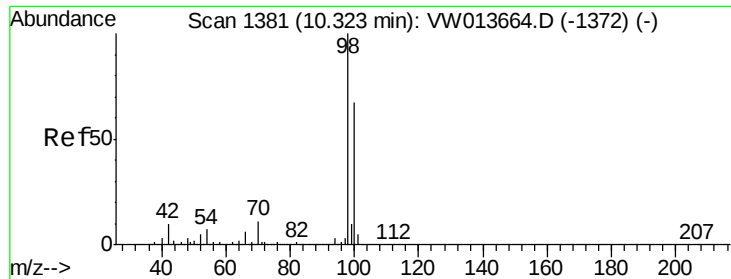
#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

Tgt Ion: 117 Resp: 19512
Ion Ratio Lower Upper
117 100
119 4.3 79.0 118.4#
121 0.0 24.5 36.7#



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





#50

Toluene-d8

Concen: 49.638 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

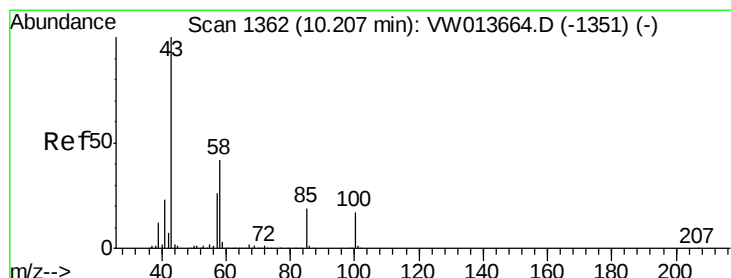
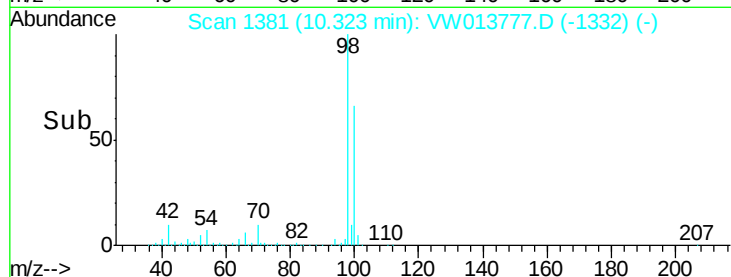
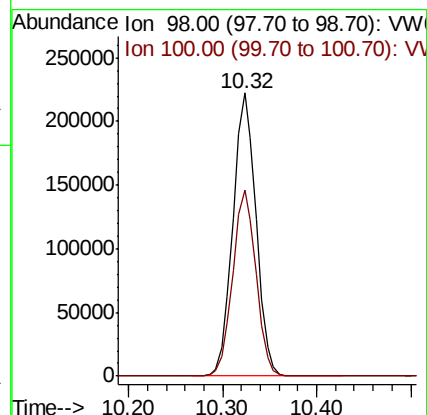
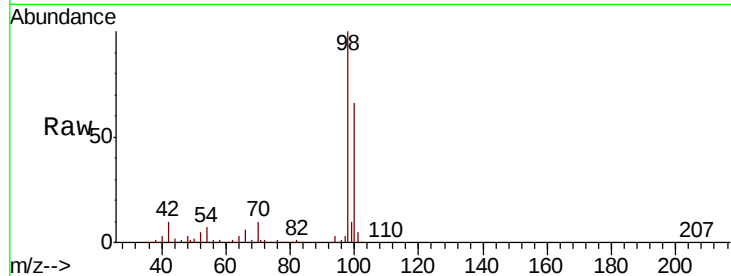
STOCKPILE

Tot Ion: 98 Resp: 378384

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.424 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013777.D

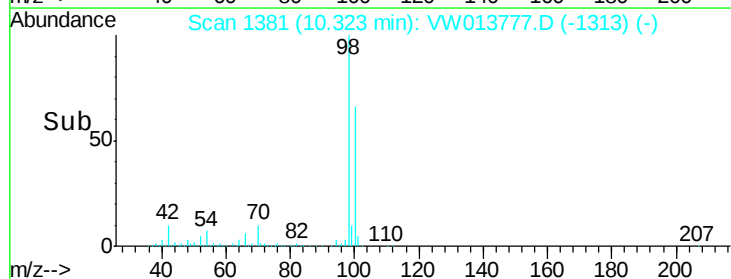
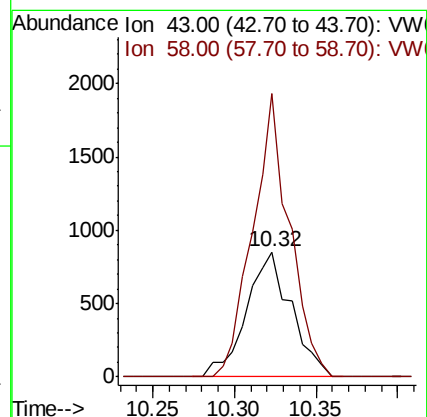
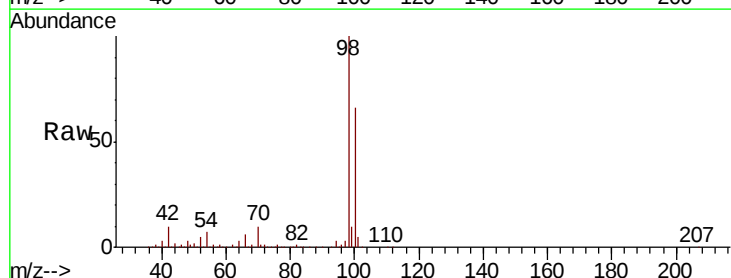
Acq: 28 Oct 2019 19:51

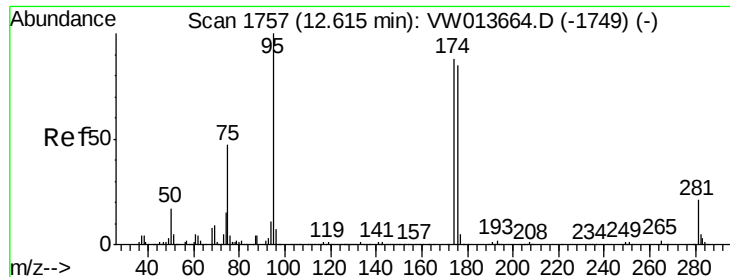
Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

58 186.2 32.6 49.0#

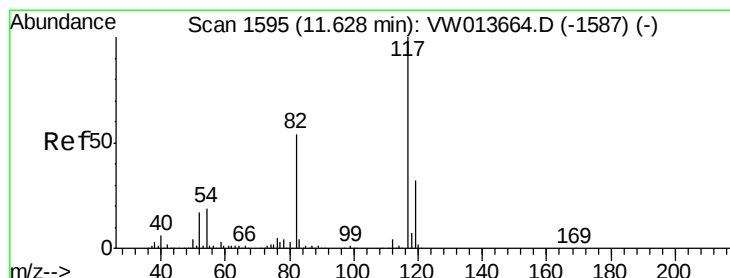
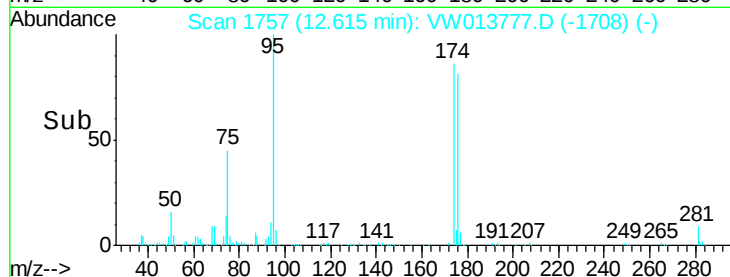
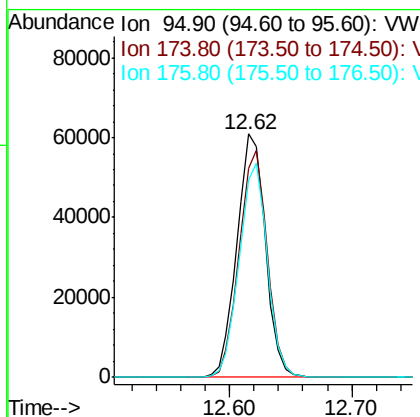
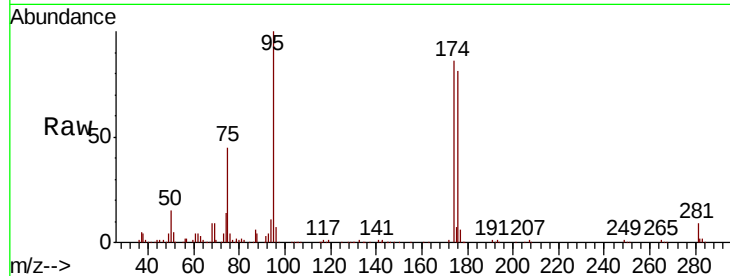




#62
4-Bromofluorobenzene
Concen: 37.840 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

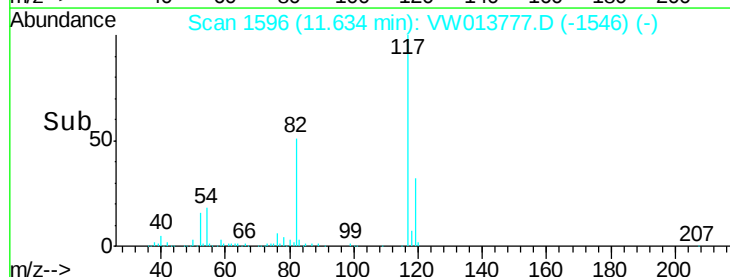
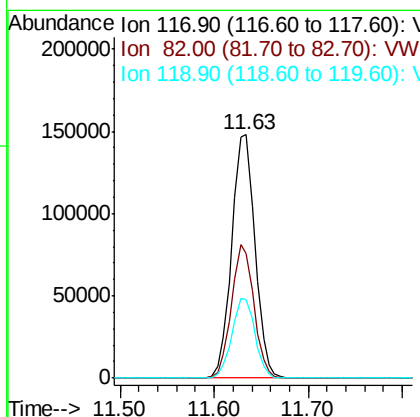
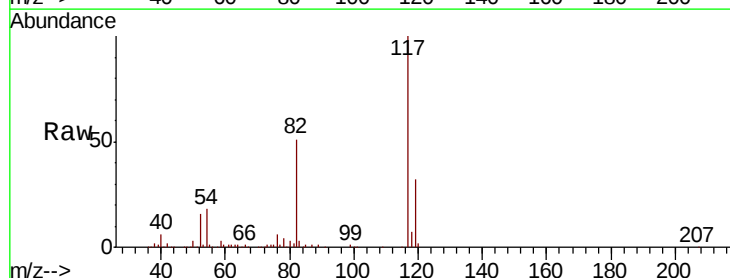
Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE

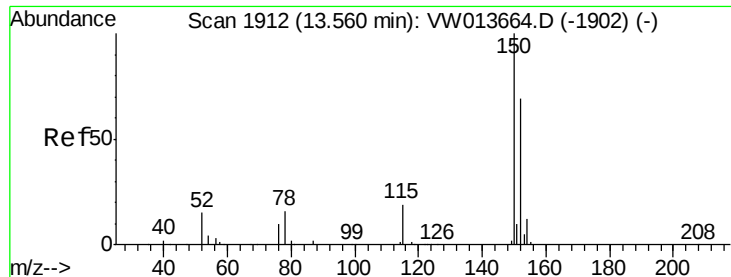
Tot Ion: 95 Resp: 97670
Ion Ratio Lower Upper
95 100
174 92.8 0.0 183.6
176 87.8 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

Tgt Ion: 117 Resp: 254384
Ion Ratio Lower Upper
117 100
82 51.2 43.6 65.4
119 32.0 25.4 38.2



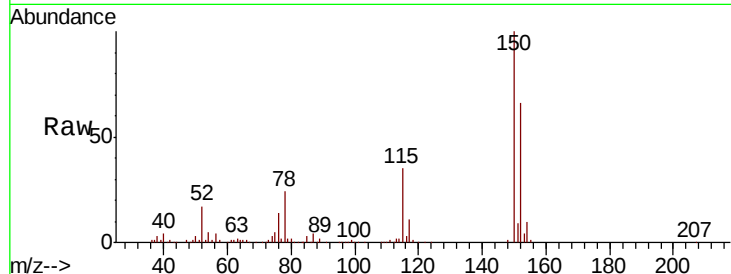


#72

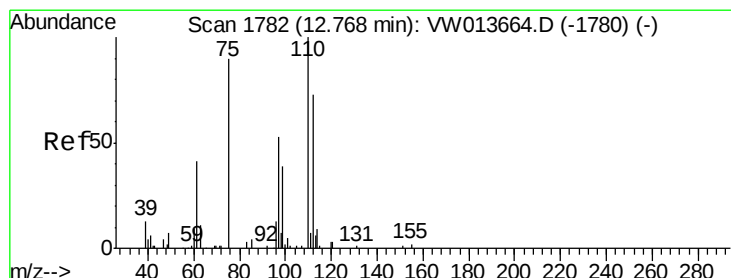
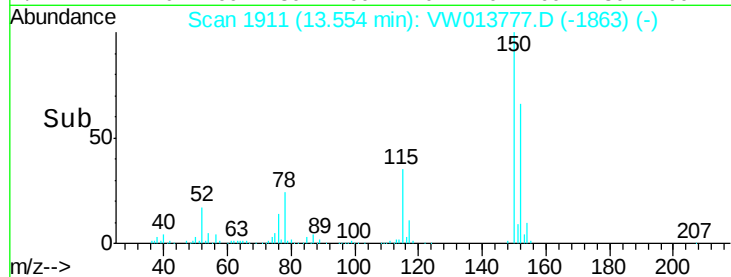
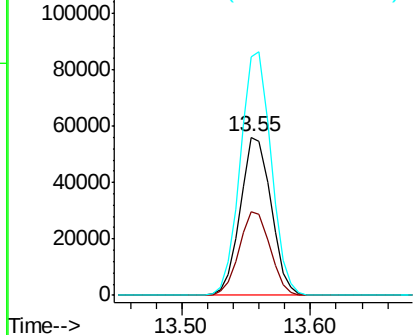
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

Instrument :
MSVOA_W
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.4	82.2
150	154.3	0.0	345.4



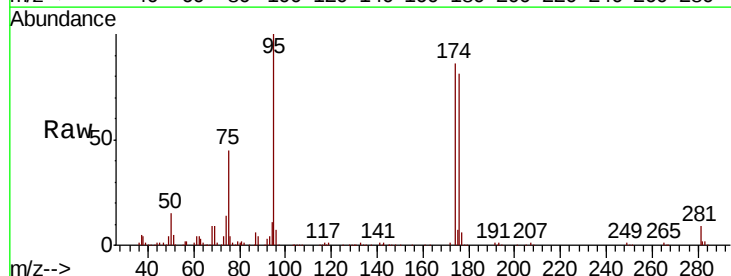
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



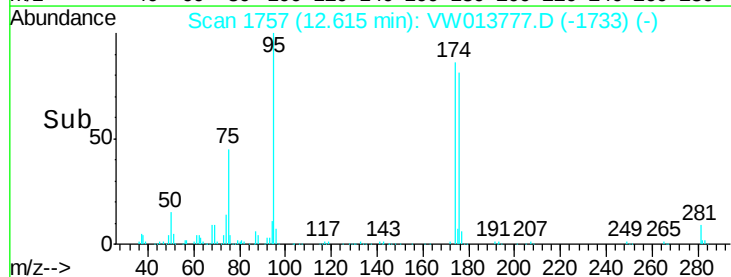
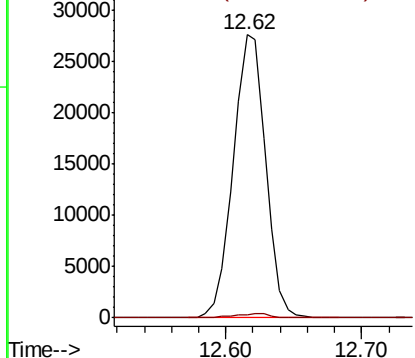
#76

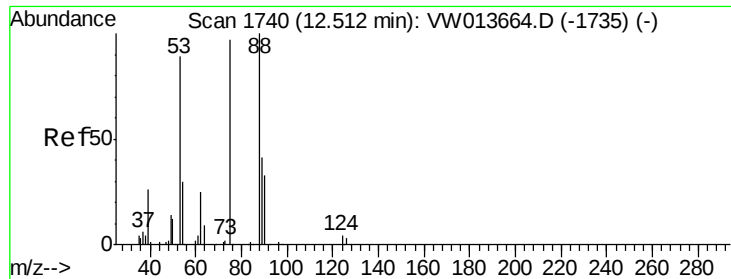
1,2,3-Trichloropropane
Concen: 68.740 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013777.D
Acq: 28 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	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: 129.909 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013777.D

Acq: 28 Oct 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

STOCKPILE

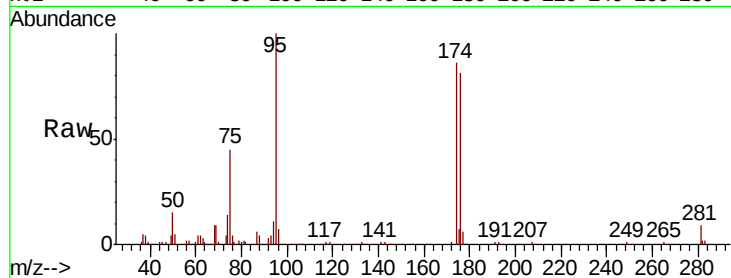
Tot Ion: 75 Resp: 45770

Ion Ratio Lower Upper

75 100

53 0.1 71.7 107.5#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

