

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013286.D
 Acq On : 24 Sep 2019 19:31
 Operator : SY/VA
 Sample : K4663-07
 Misc : 6.89G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-092419

Quant Time: Sep 25 07:13:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	159195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	142665	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
35) Dibromofluoromethane	7.88	113	141102	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.32	98	581924	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.62	95	168679	42.08	ug/l	0.00
Spiked Amount			Recovery	=	84.16%	

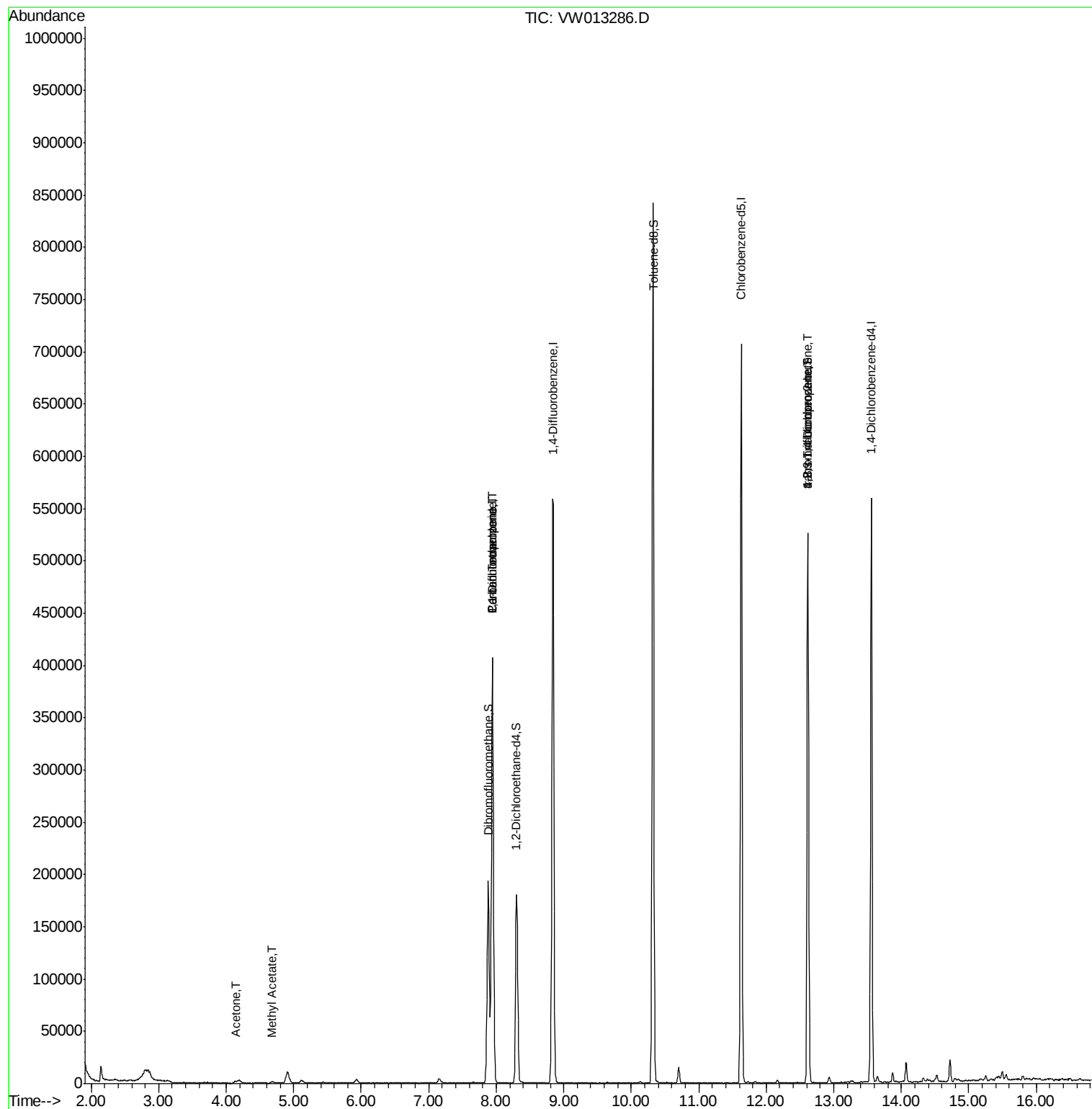
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	237	Below Cal	#	73
16) Acetone	4.14	43	4116	6.550	ug/l	93
18) Methyl Acetate	4.68	43	2769	1.568	ug/l #	83
20) Methylene Chloride	4.90	84	8591	Below Cal	#	90
26) 2,2-Dichloropropane	7.15	77	245	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	21467	4.347	ug/l #	49
38) Carbon Tetrachloride	7.94	117	28347	6.404	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	80334	57.141	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80334	128.218	ug/l #	12

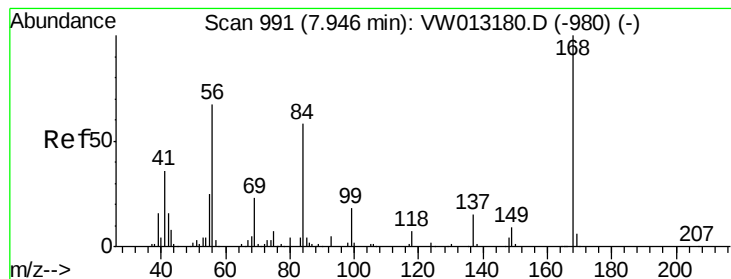
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013286.D

Acq: 24 Sep 2019 19:31

Instrument :

MSVOA_W

ClientSampleId :

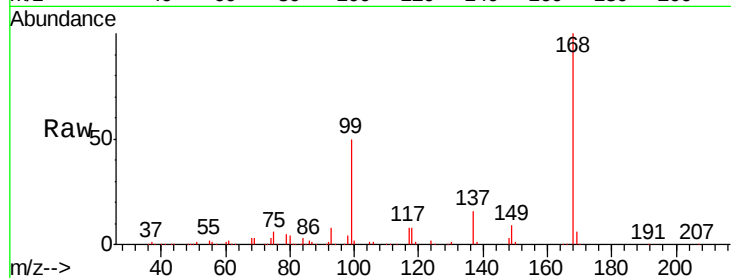
OK-02-092419

Tgt Ion:168 Resp: 341414

Ion Ratio Lower Upper

168 100

99 49.5 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

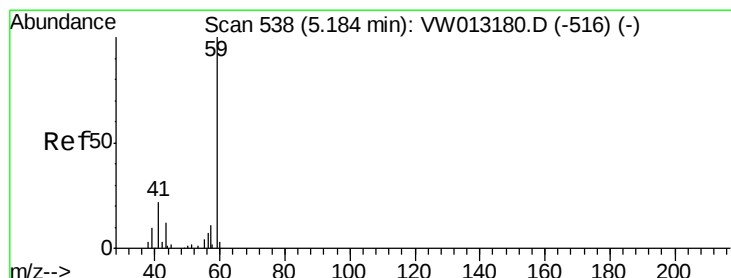
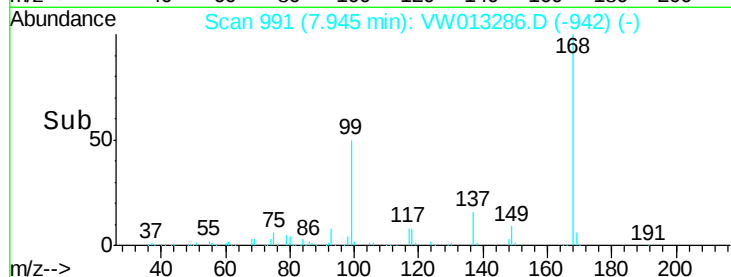
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. 0.05 min

Lab File: VW013286.D

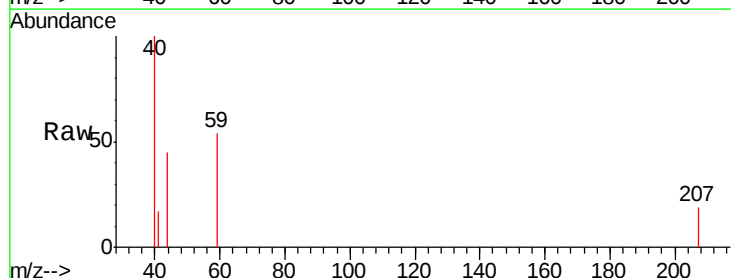
Acq: 24 Sep 2019 19:31

Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

250

200

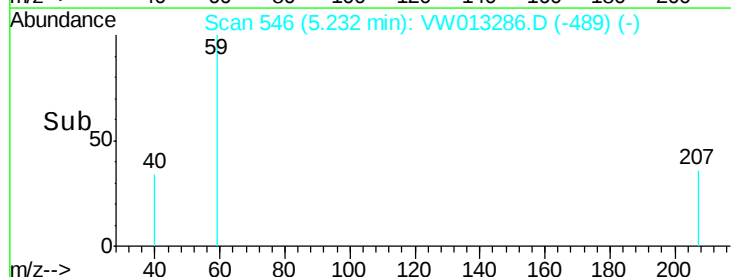
150

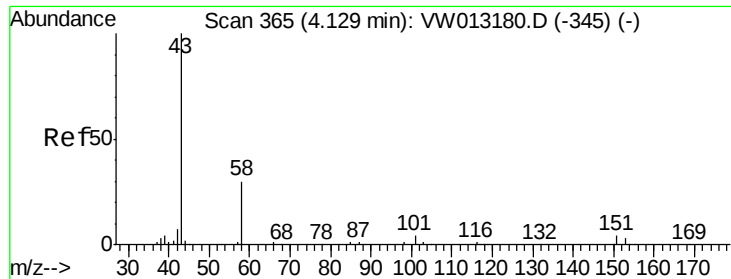
100

50

0

Time-->





#16

Acetone

Concen: 6.550 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013286.D

Acq: 24 Sep 2019 19:31

Instrument :

MSVOA_W

ClientSampled :

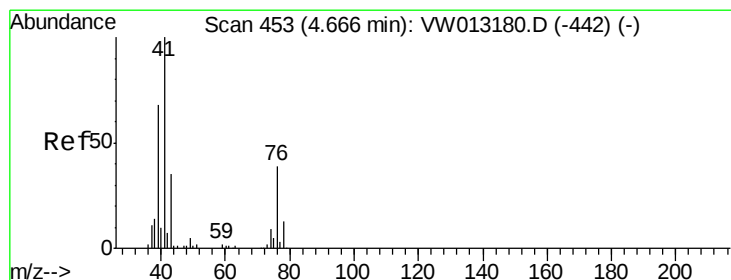
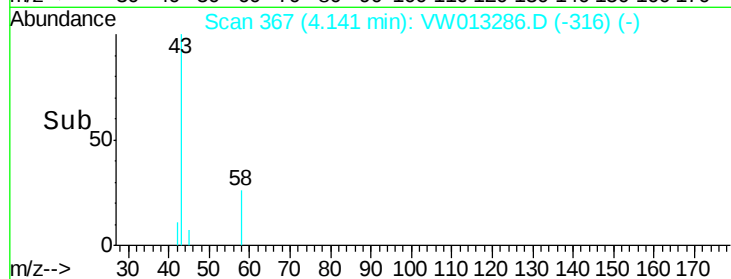
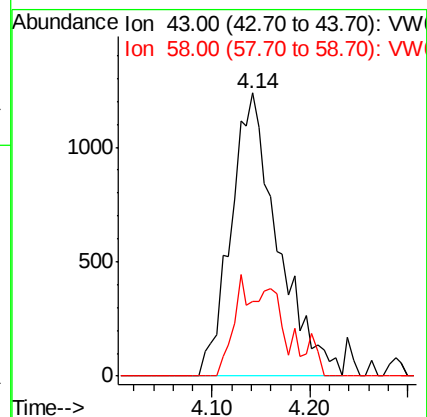
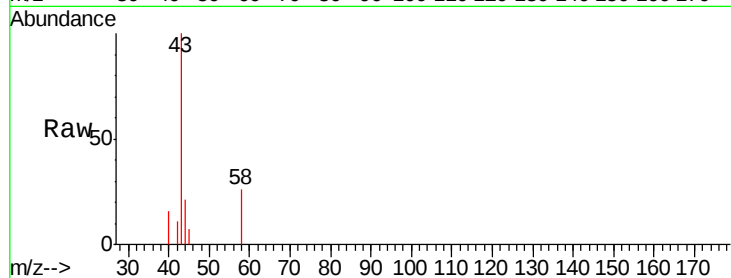
OK-02-092419

Tgt Ion: 43 Resp: 4116

Ion Ratio Lower Upper

43 100

58 26.4 24.1 36.1



#18

Methyl Acetate

Concen: 1.568 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW013286.D

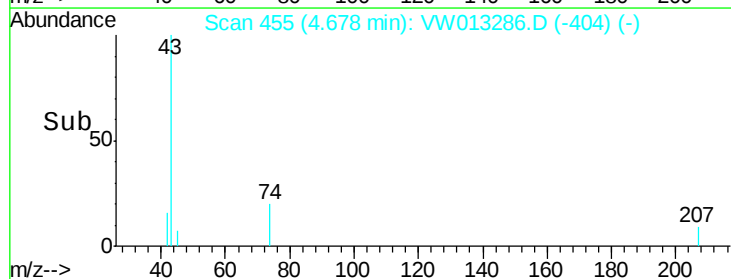
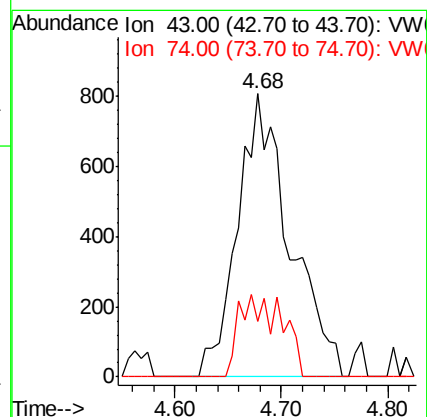
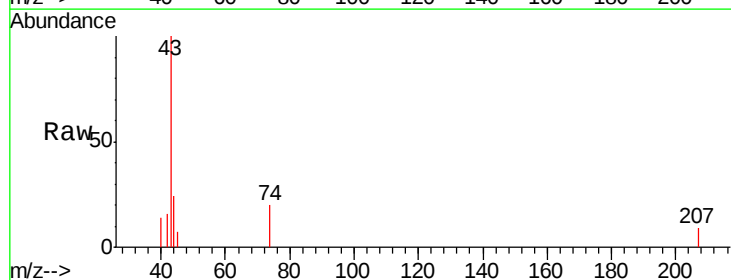
Acq: 24 Sep 2019 19:31

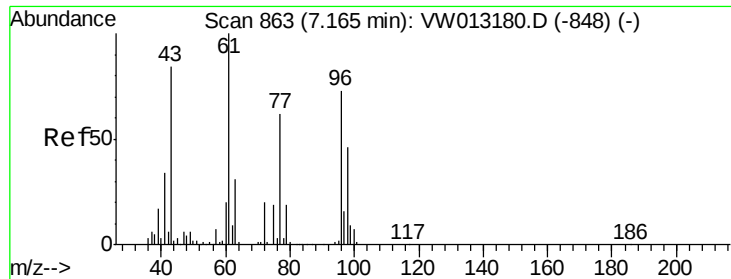
Tgt Ion: 43 Resp: 2769

Ion Ratio Lower Upper

43 100

74 15.6 19.3 28.9#





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013286.D

Acq: 24 Sep 2019 19:31

Instrument :

MSVOA_W

ClientSampleId :

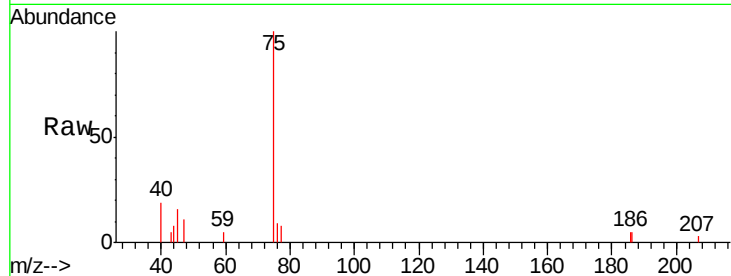
OK-02-092419

Tgt Ion: 77 Resp: 245

Ion Ratio Lower Upper

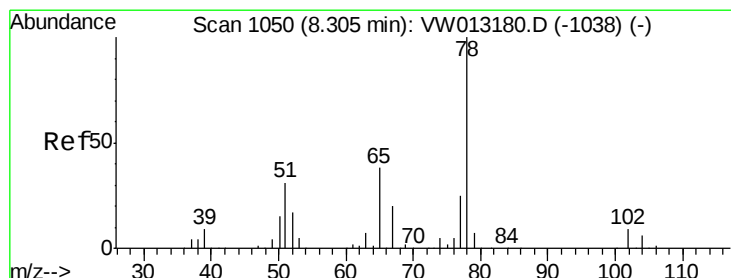
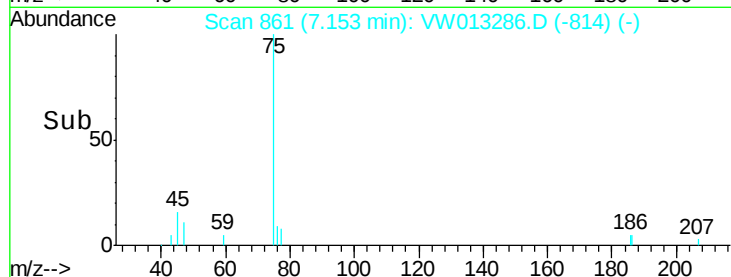
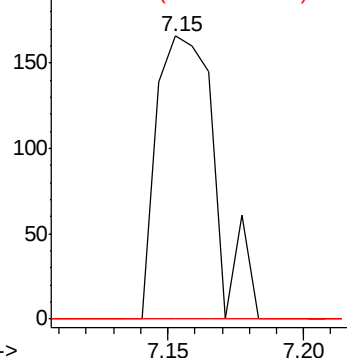
77 100

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



#33

1,2-Dichloroethane-d4

Concen: 51.200 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013286.D

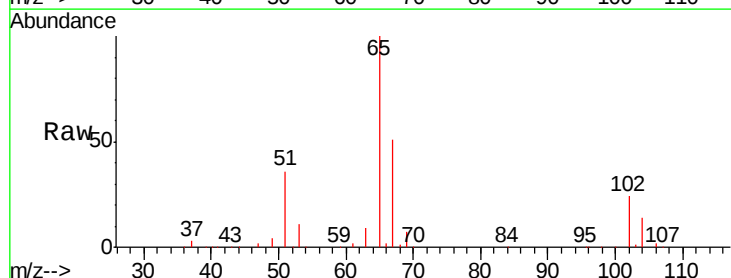
Acq: 24 Sep 2019 19:31

Tgt Ion: 65 Resp: 142665

Ion Ratio Lower Upper

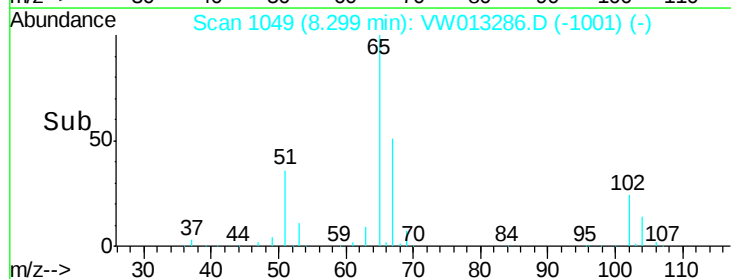
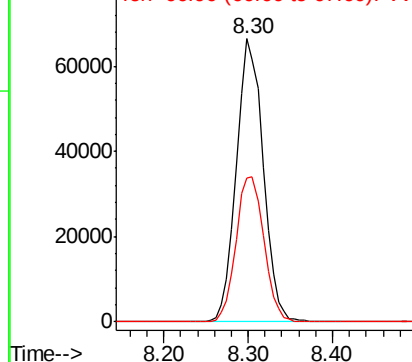
65 100

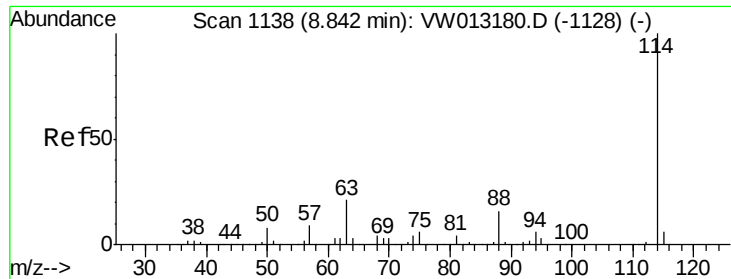
67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

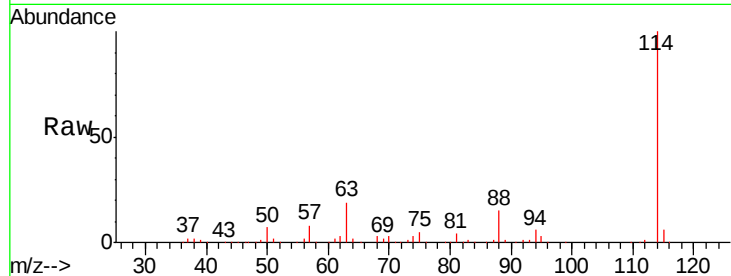




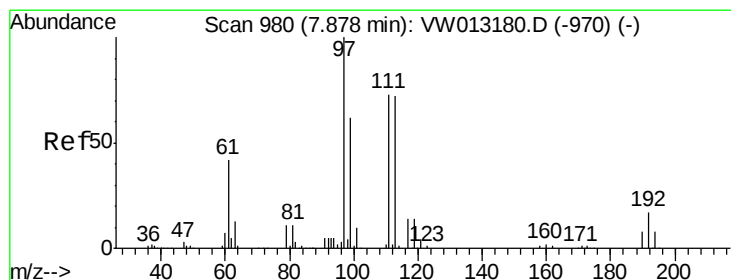
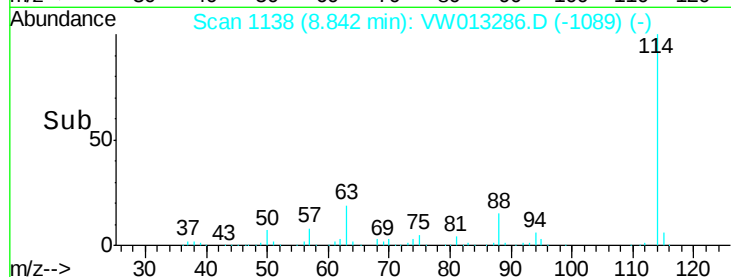
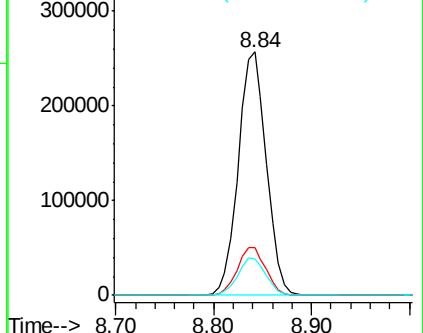
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013286.D
Acq: 24 Sep 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
OK-02-092419

Tgt Ion:114 Resp: 509820
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.4
88 15.1 0.0 32.0

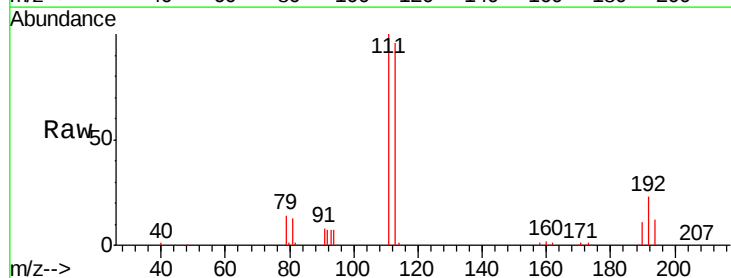


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

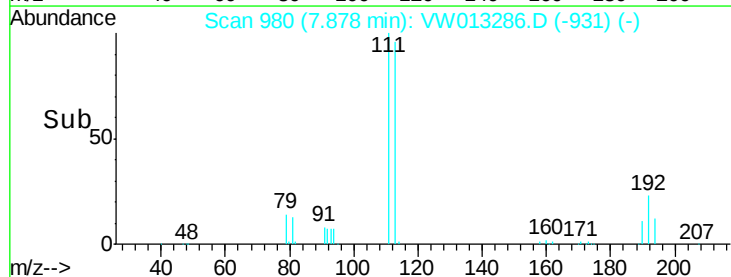
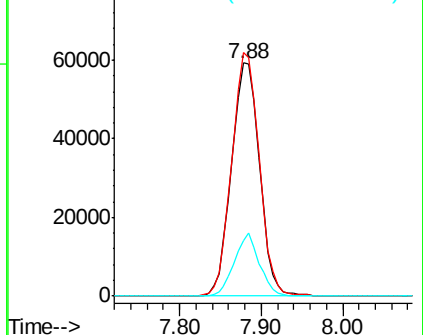


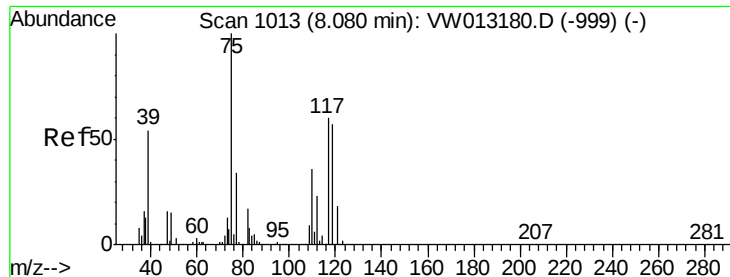
#35
Dibromofluoromethane
Concen: 50.321 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013286.D
Acq: 24 Sep 2019 19:31

Tgt Ion:113 Resp: 141102
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.9 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

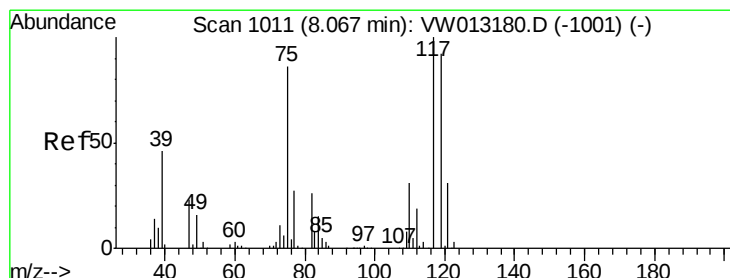
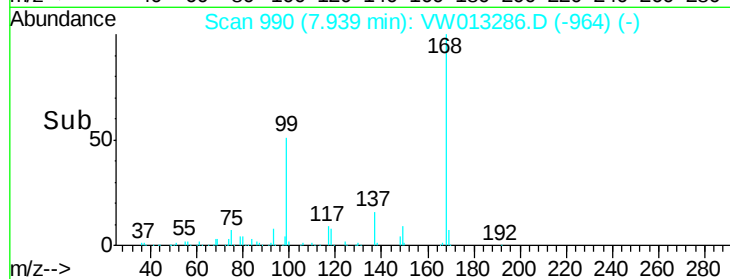
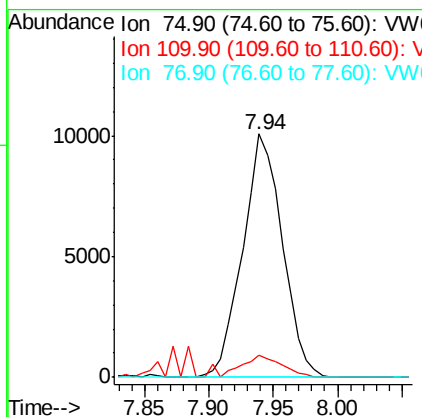
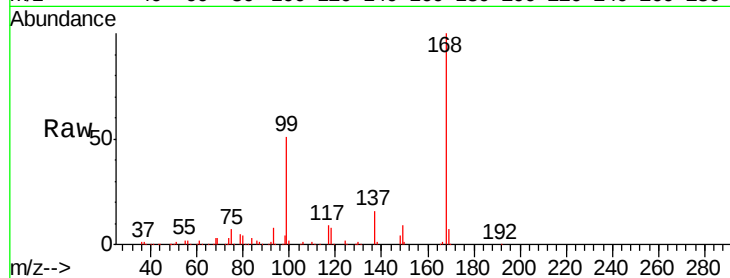




#36
 1,1-Dichloropropene
 Concen: 4.347 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013286.D
 Acq: 24 Sep 2019 19:31

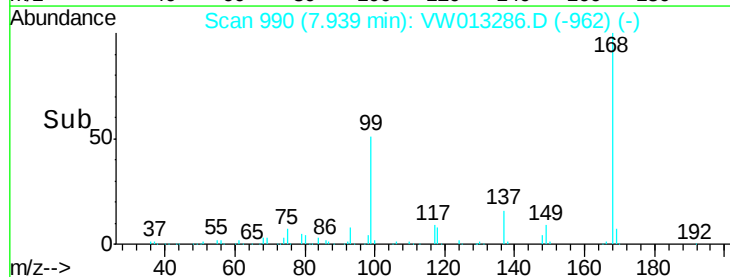
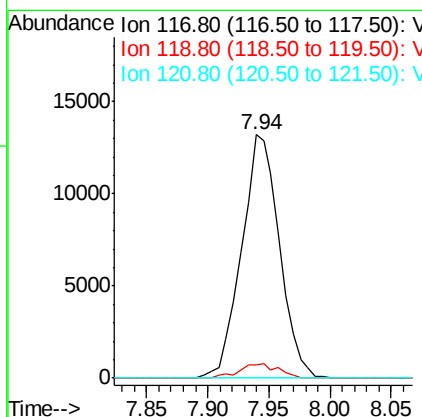
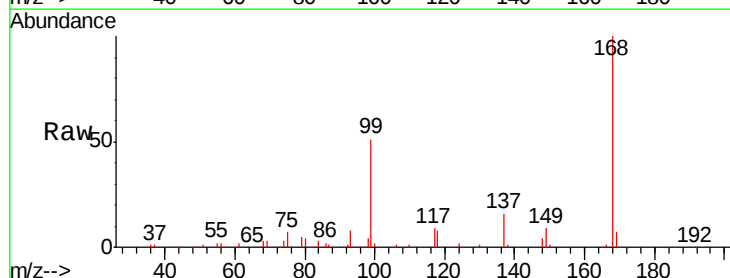
Instrument :
 MSVOA_W
 ClientSampled :
 OK-02-092419

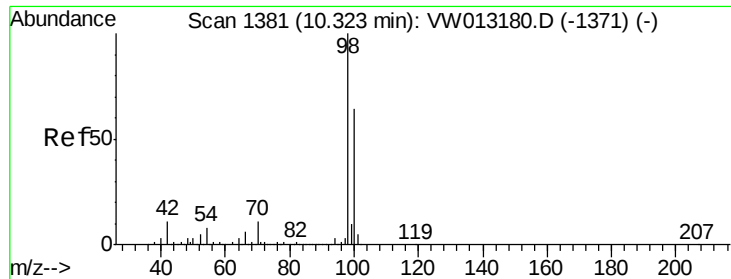
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.404 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW013286.D
 Acq: 24 Sep 2019 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	73.5	110.3#
121	0.0	25.0	37.6#

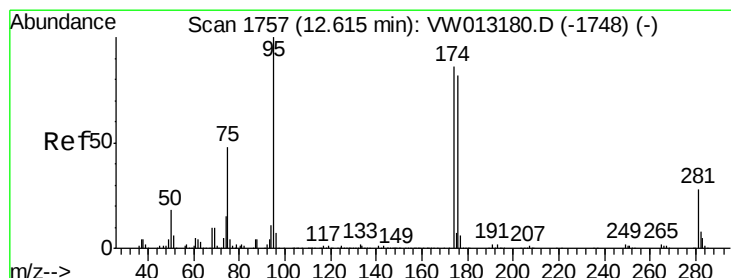
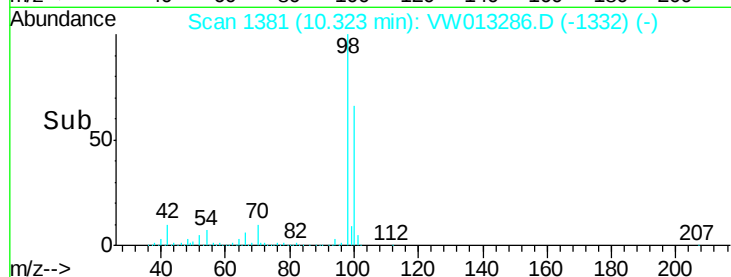
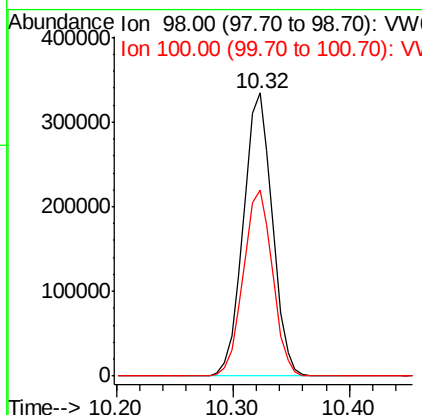
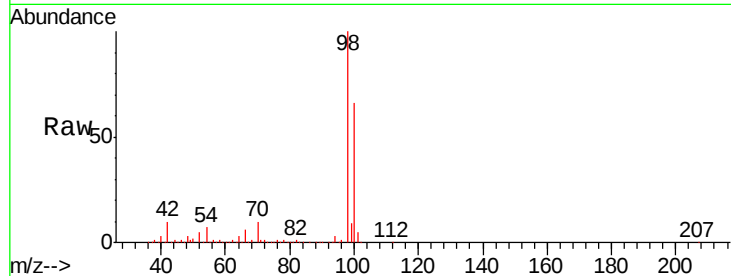




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013286.D
Acq: 24 Sep 2019 19:31

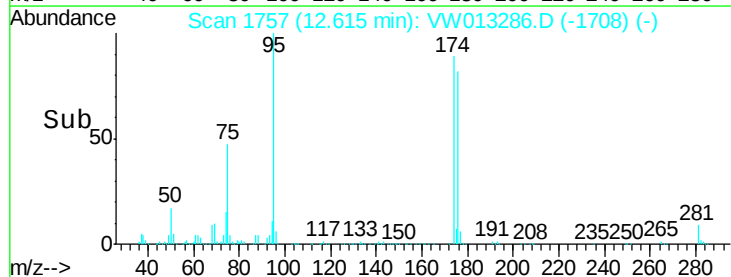
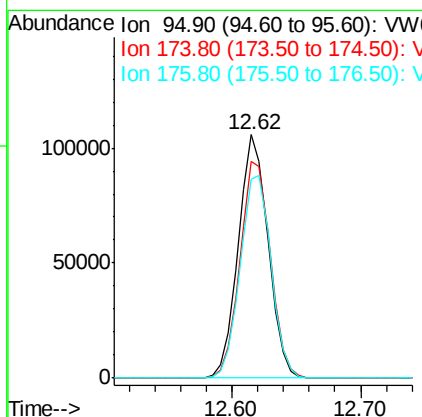
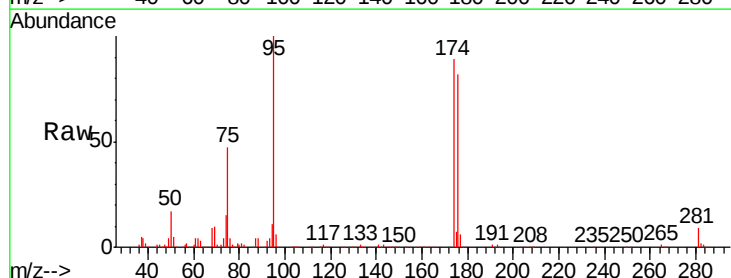
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OK-02-092419

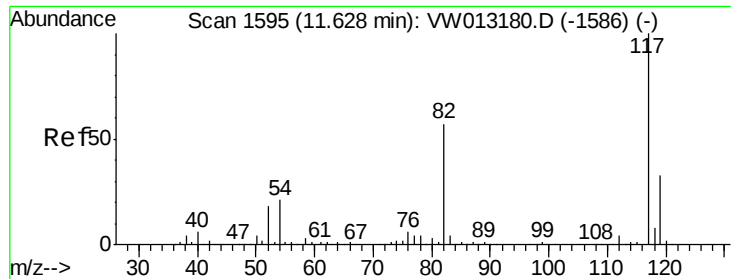
Tgt Ion: 98 Resp: 581924
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 42.079 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013286.D
Acq: 24 Sep 2019 19:31

Tgt Ion: 95 Resp: 168679
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.4
176 86.4 0.0 172.2

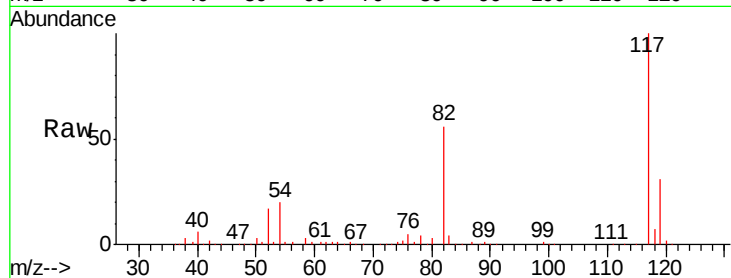




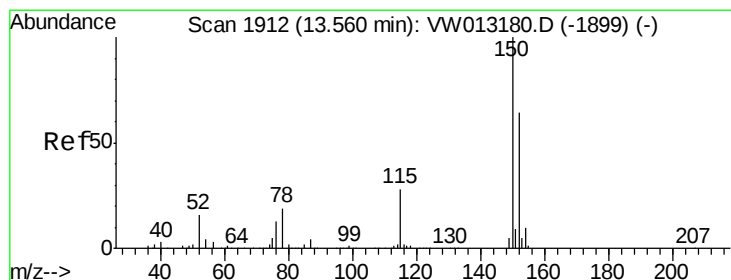
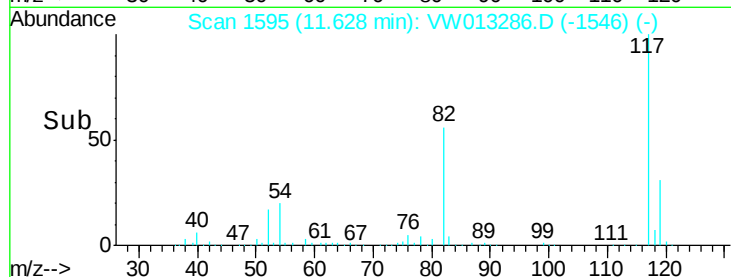
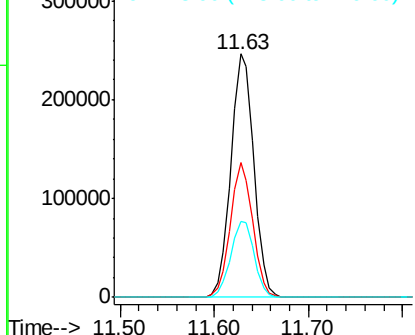
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013286.D
Acq: 24 Sep 2019 19:31

Instrument :
MSVOA_W
ClientSampleId :
OK-02-092419

Tgt Ion:117 Resp: 415359
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 31.2 26.2 39.2

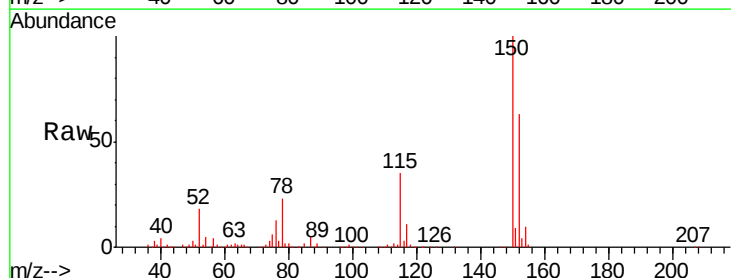


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

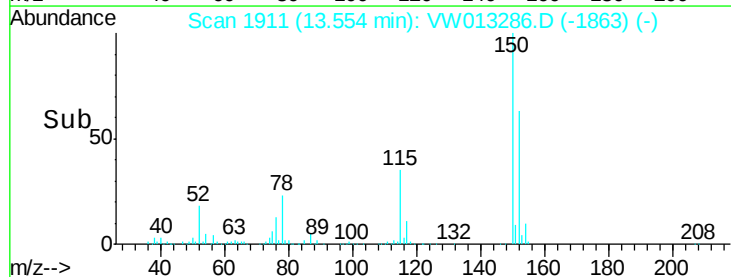
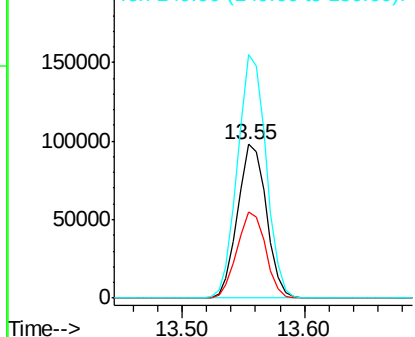


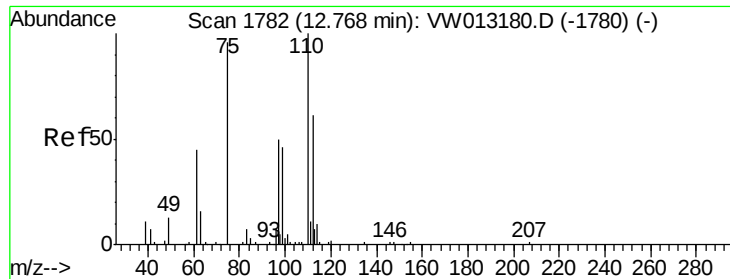
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013286.D
Acq: 24 Sep 2019 19:31

Tgt Ion:152 Resp: 159195
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 157.9 0.0 349.0



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: 57.141 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013286.D

Acq: 24 Sep 2019 19:31

Instrument :

MSVOA_W

ClientSampled :

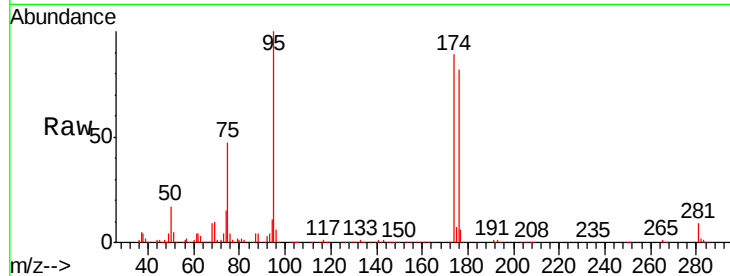
OK-02-092419

Tgt Ion: 75 Resp: 80334

Ion Ratio Lower Upper

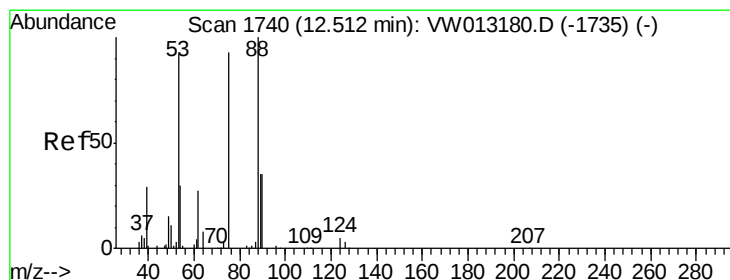
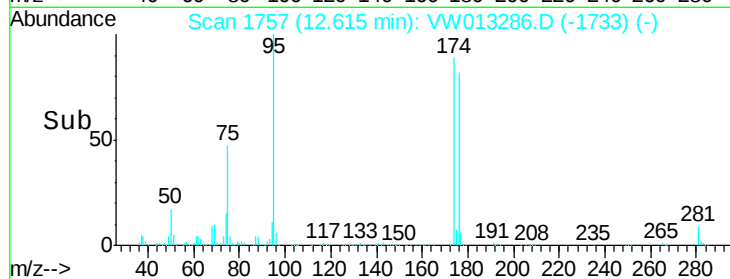
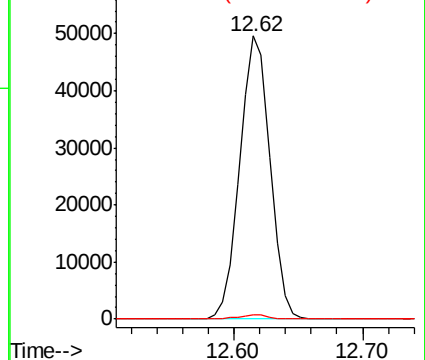
75 100

77 1.4 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: 128.218 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013286.D

Acq: 24 Sep 2019 19:31

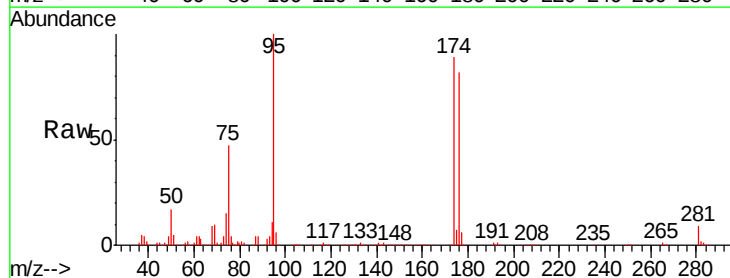
Tgt Ion: 75 Resp: 80334

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 33.5 50.3#



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

