

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013206.D
 Acq On : 21 Sep 2019 02:12
 Operator : SY/VA
 Sample : K4925-01RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 04:57:52 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	379078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	568842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	180047	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149460	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.88	113	153624	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.32	98	667915	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	196517	43.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.88%	

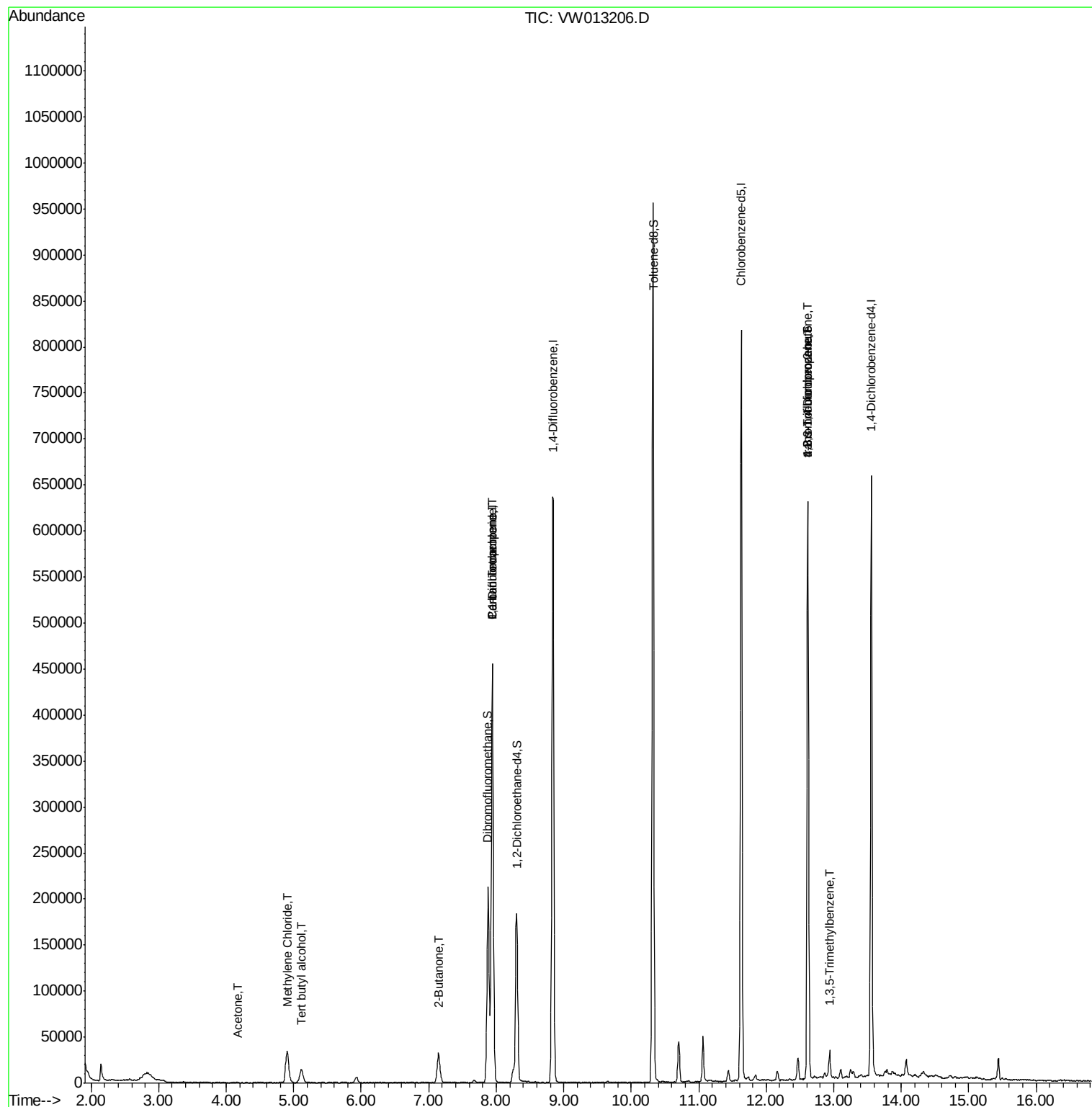
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	13787	53.979	ug/l #	75
16) Acetone	4.17	43	944	1.353	ug/l #	45
20) Methylene Chloride	4.90	84	28299	5.336	ug/l	94
25) 2-Butanone	7.14	43	1741	1.662	ug/l #	90
26) 2,2-Dichloropropane	7.14	77	2438	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	25718	4.668	ug/l #	50
38) Carbon Tetrachloride	7.95	117	32743	6.629	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	92801	58.364	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.94	105	11430	1.022	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	92801	130.963	ug/l #	12

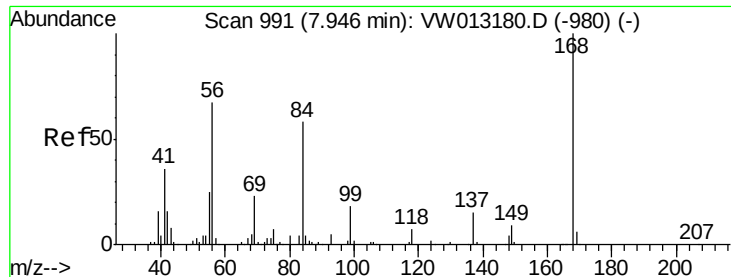
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
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Misc : 5.03G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 21 04:57:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013206.D

Acq: 21 Sep 2019 02:12

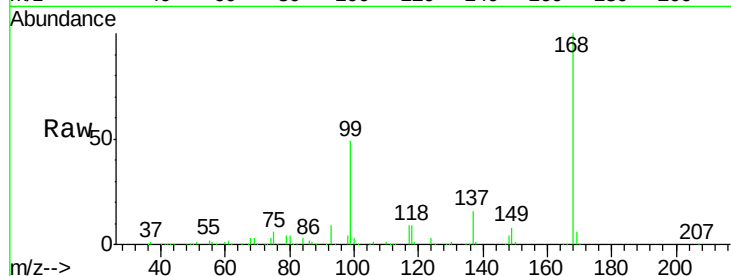
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 379078

Ion Ratio Lower Upper

168 100

99 49.0 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

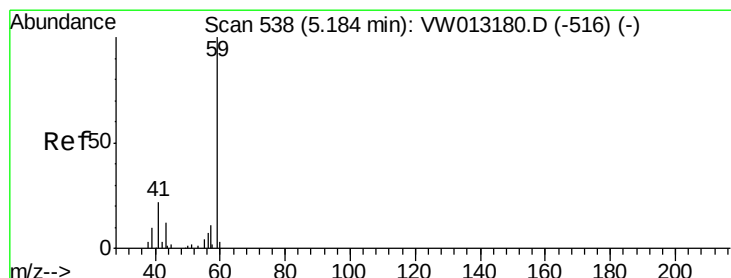
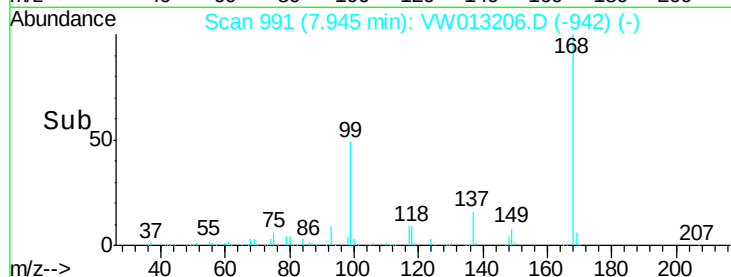
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 53.979 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.07 min

Lab File: VW013206.D

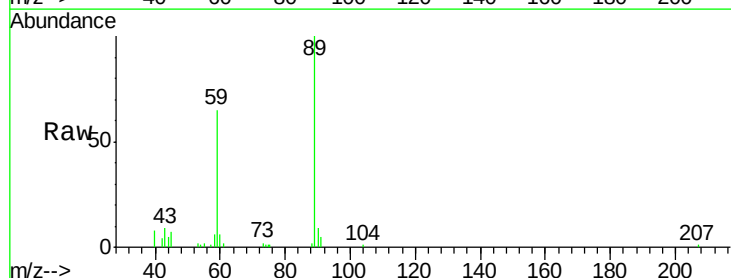
Acq: 21 Sep 2019 02:12

Tgt Ion: 59 Resp: 13787

Ion Ratio Lower Upper

59 100

57 1.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

4000

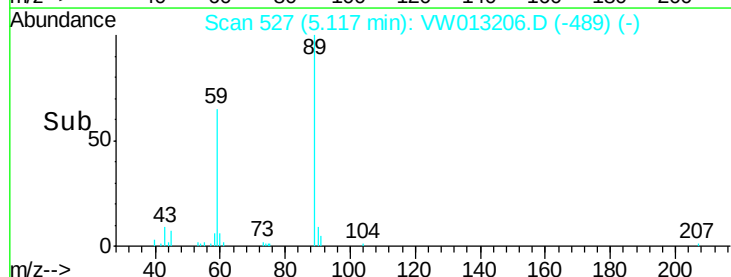
3000

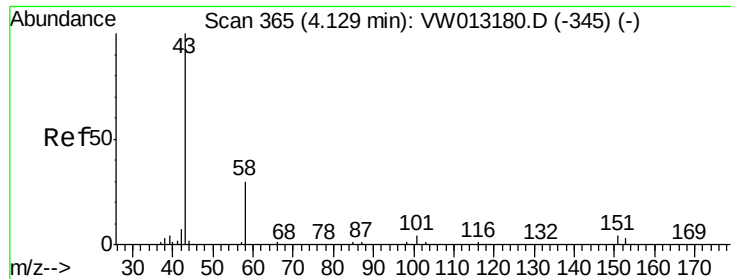
2000

1000

0

Time-->





#16

Acetone

Concen: 1.353 ug/l

RT: 4.17 min Scan# 371

Delta R.T. 0.04 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Instrument :

MSVOA_W

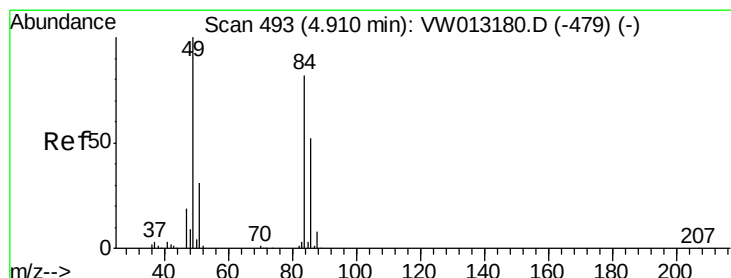
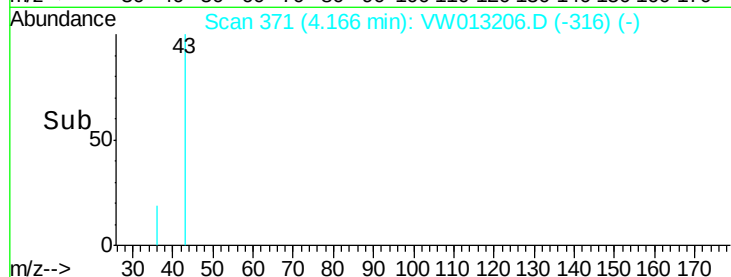
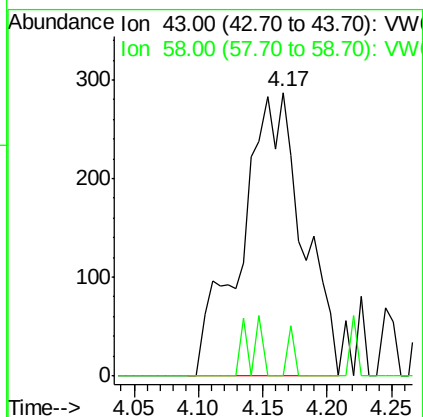
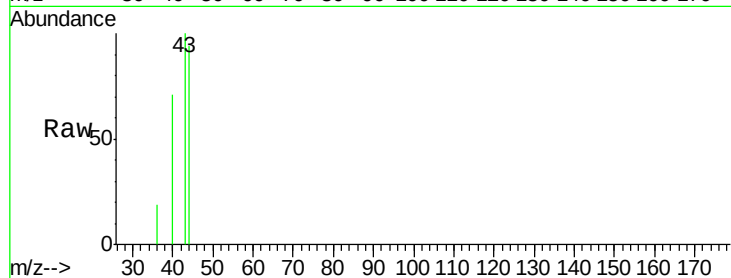
ClientSampleId :

Tot Ion: 43 Resp: 944

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



#20

Methylene Chloride

Concen: 5.336 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Tgt Ion: 84 Resp: 28299

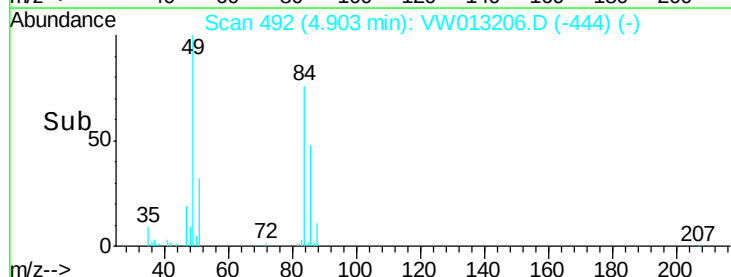
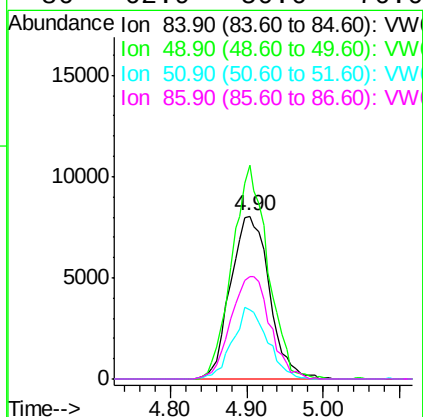
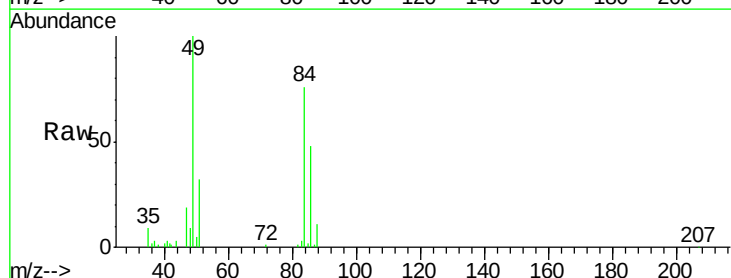
Ion Ratio Lower Upper

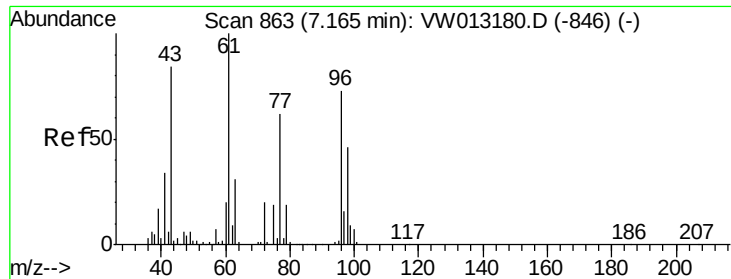
84 100

49 131.1 97.6 146.4

51 42.6 30.2 45.2

86 62.9 50.6 76.0





#25

2-Butanone

Concen: 1.662 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Instrument :

MSVOA_W

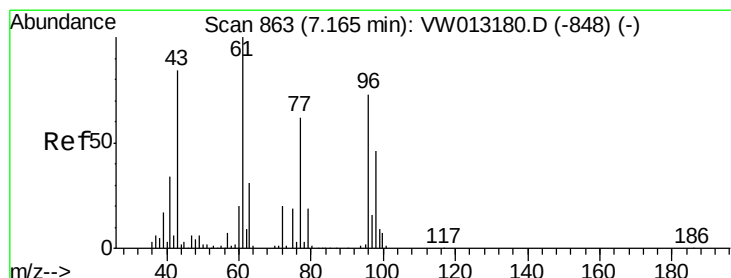
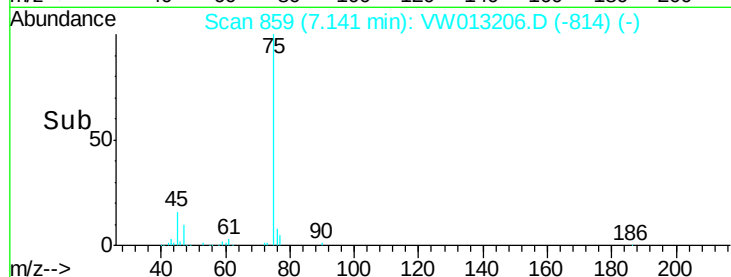
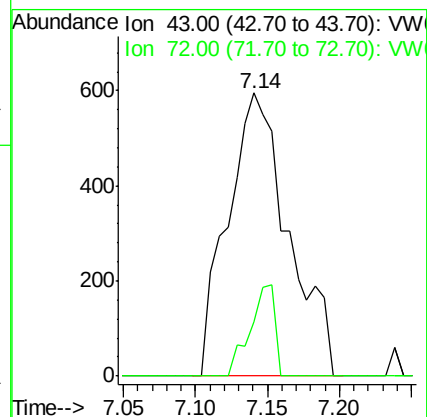
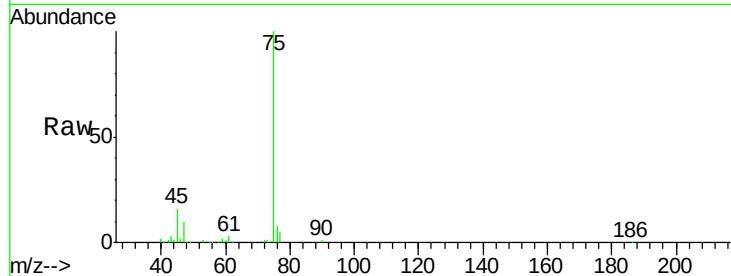
ClientSampleId :

Tot Ion: 43 Resp: 1741

Ion Ratio Lower Upper

43 100

72 19.3 19.4 29.0#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013206.D

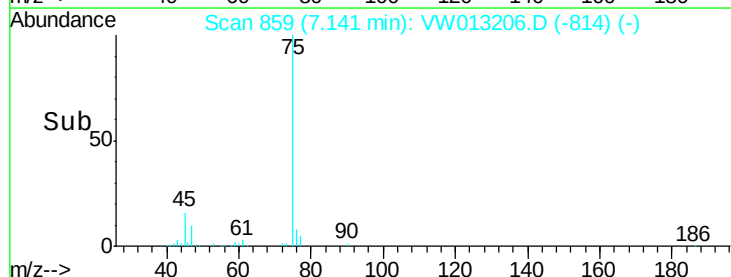
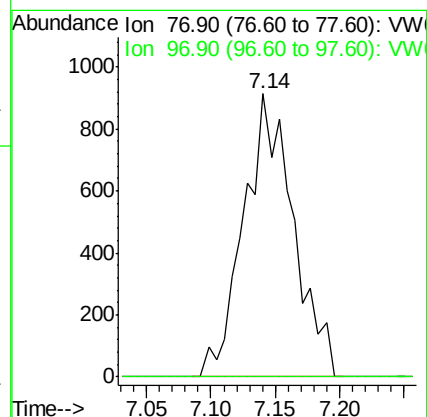
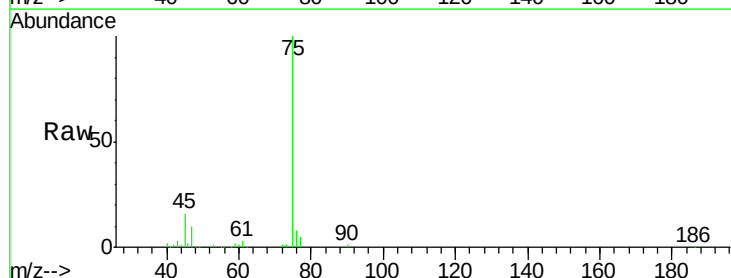
Acq: 21 Sep 2019 02:12

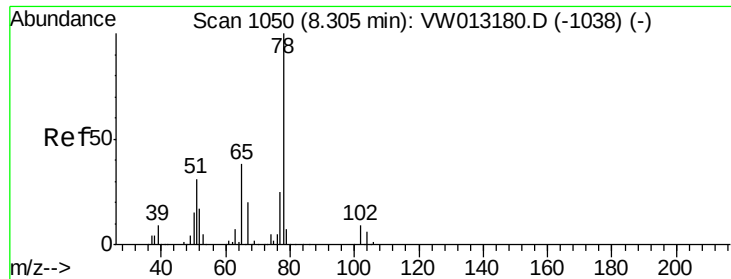
Tgt Ion: 77 Resp: 2438

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

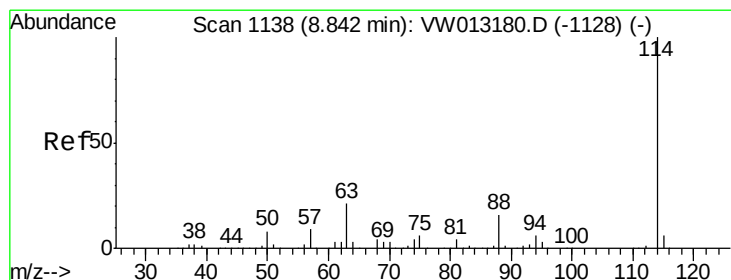
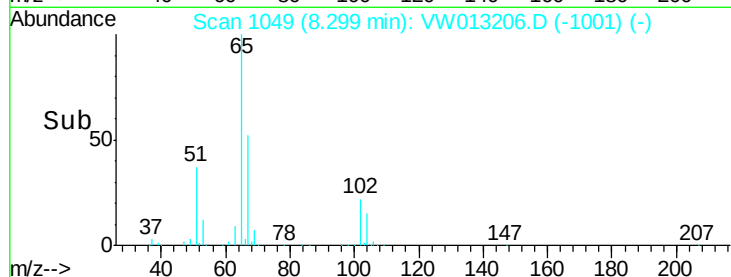
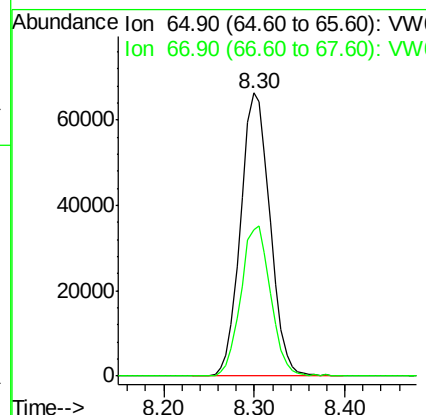
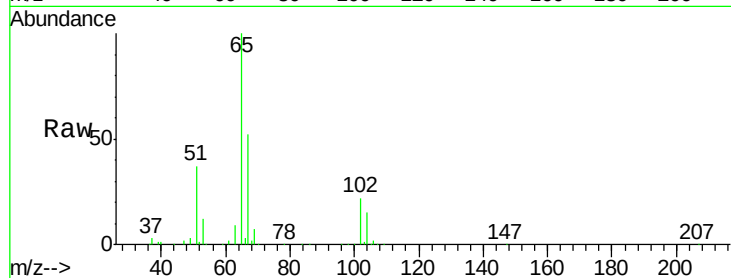




#33
 1,2-Dichloroethane-d4
 Concen: 48.309 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

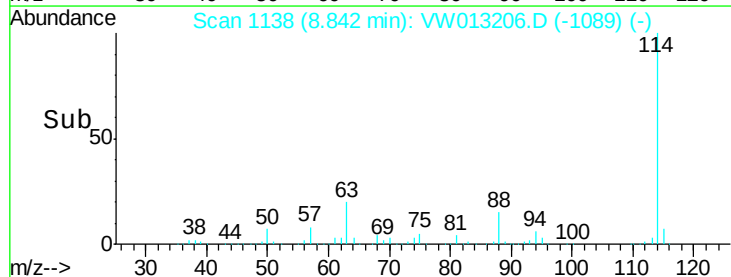
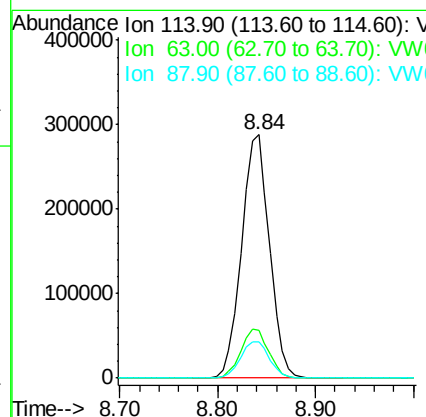
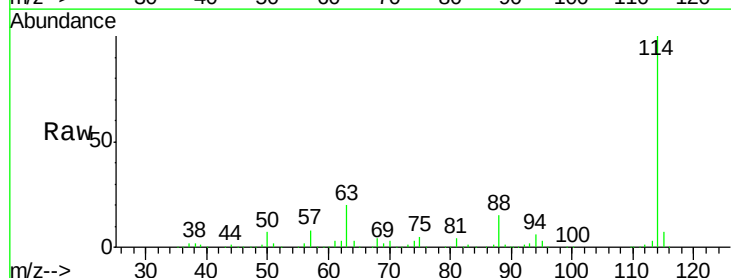
Instrument :
 MSVOA_W
 ClientSampleId :

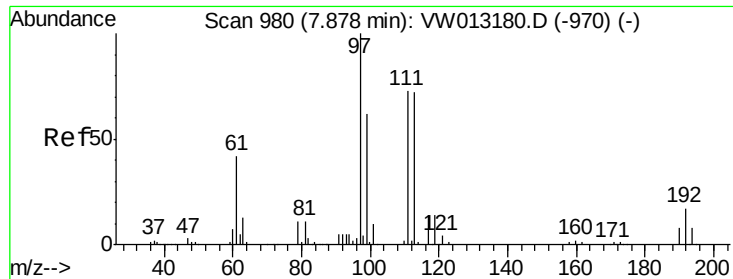
Tot Ion: 65 Resp: 149460
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

Tgt Ion: 114 Resp: 568842
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 14.8 0.0 32.0

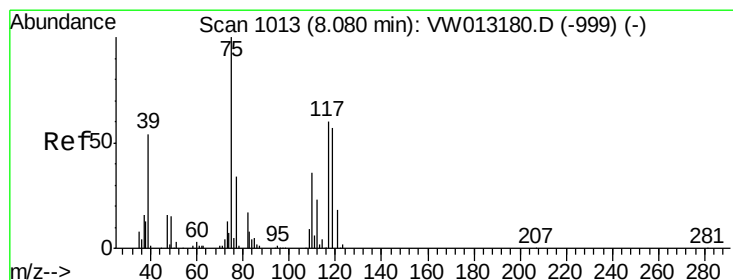
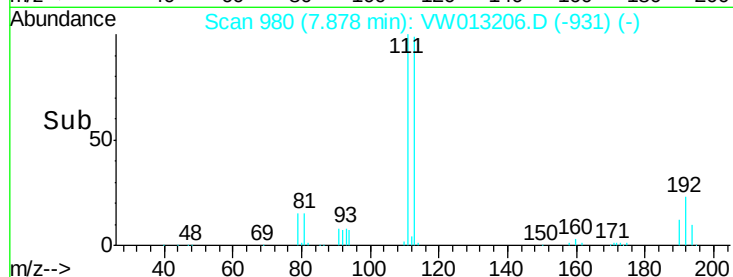
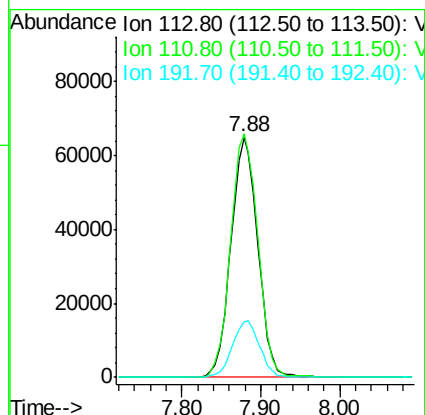
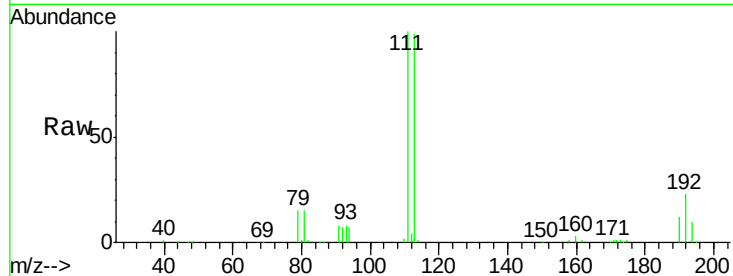




#35
 Dibromofluoromethane
 Concen: 49.103 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

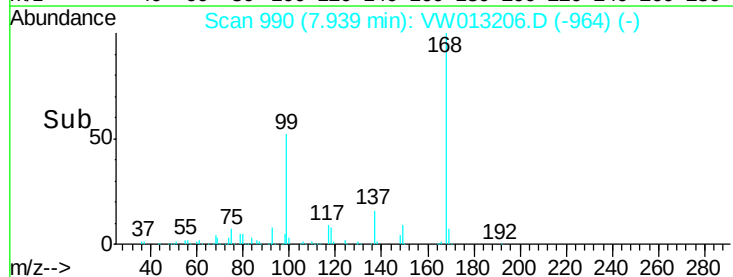
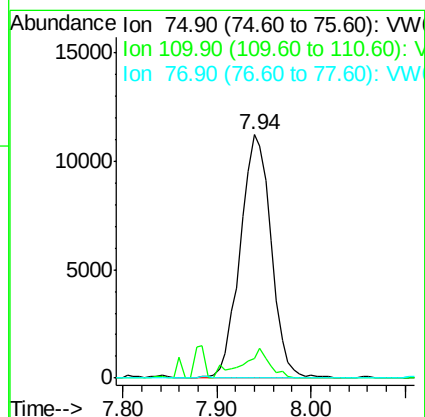
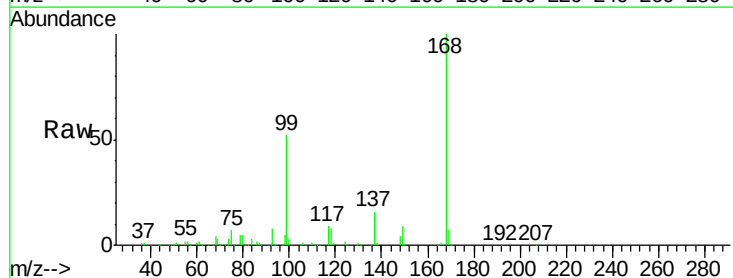
Instrument :
 MSVOA_W
 ClientSampleId :

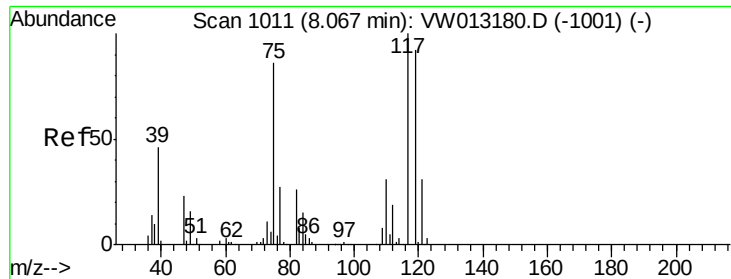
Tot Ion:113 Resp: 153624
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 23.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.668 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013206.D
 Acq: 21 Sep 2019 02:12

Tgt Ion: 75 Resp: 25718
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.1 54.3#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.629 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Instrument :

MSVOA_W

ClientSampled :

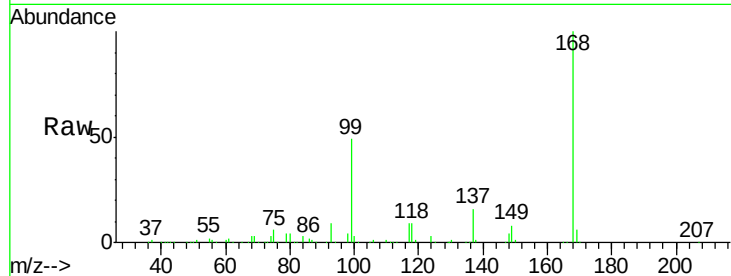
Tot Ion:117 Resp: 32743

Ion Ratio Lower Upper

117 100

119 5.5 73.5 110.3#

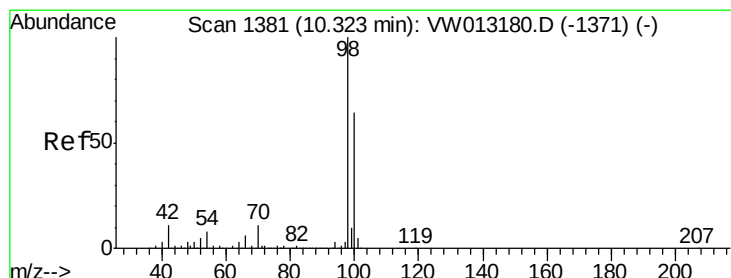
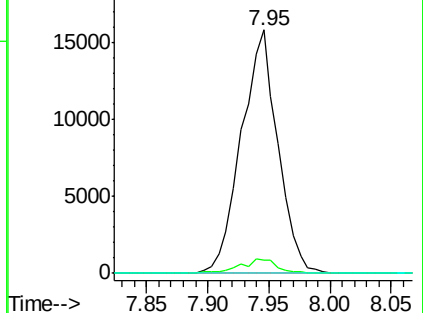
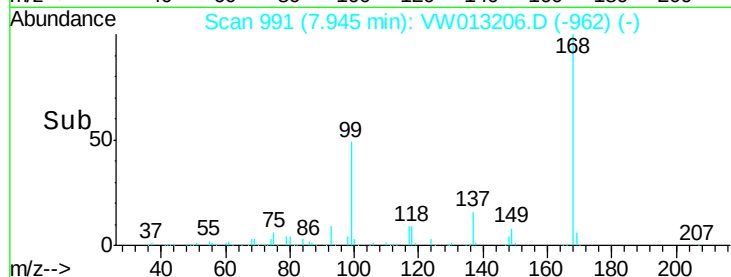
121 0.0 25.0 37.6#



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: 51.010 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013206.D

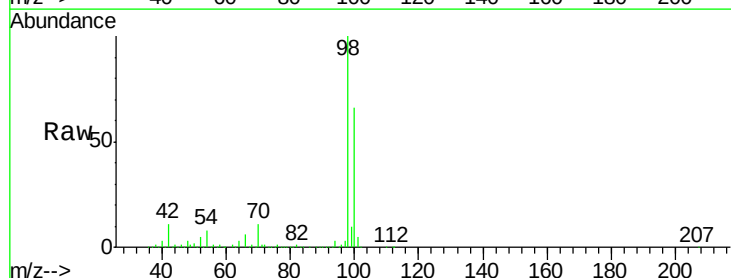
Acq: 21 Sep 2019 02:12

Tgt Ion: 98 Resp: 667915

Ion Ratio Lower Upper

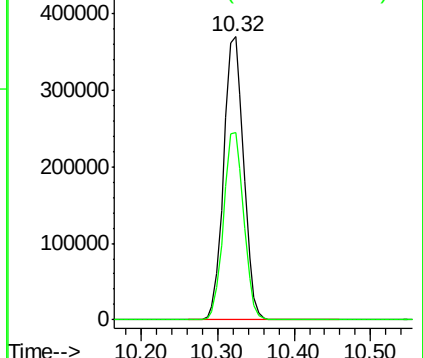
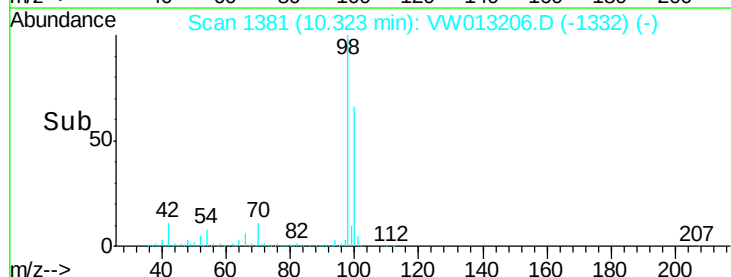
98 100

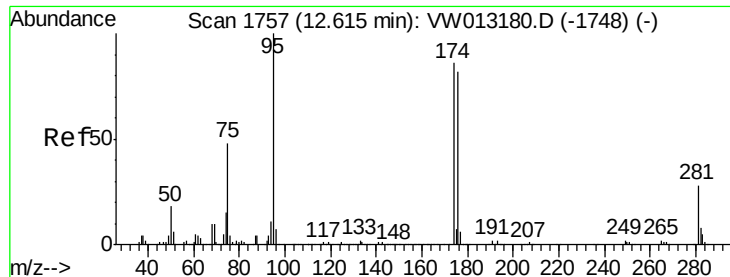
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

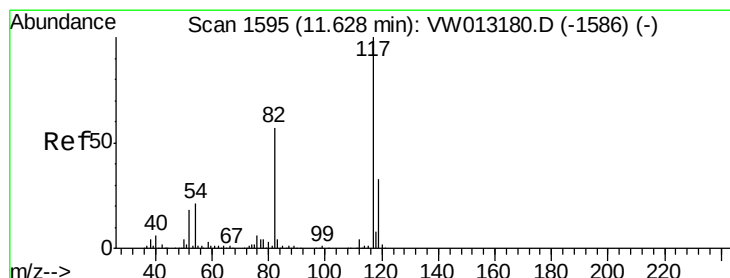
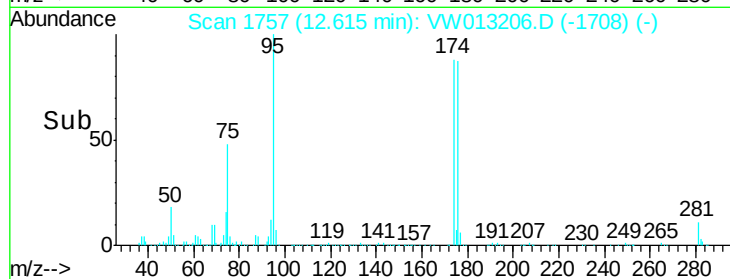
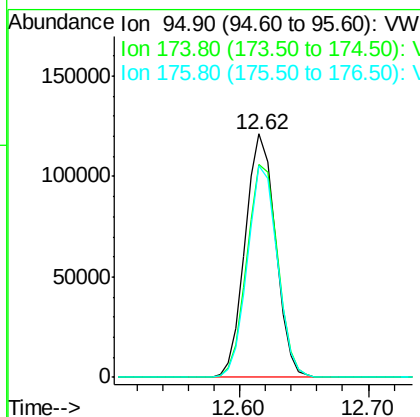
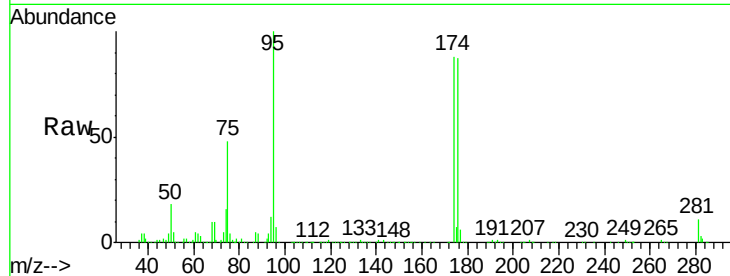




#62
4-Bromofluorobenzene
Concen: 43.937 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013206.D
Acq: 21 Sep 2019 02:12

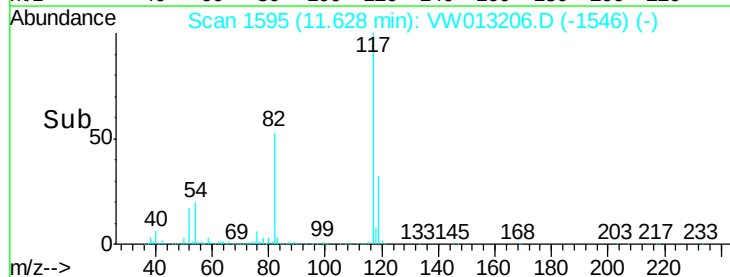
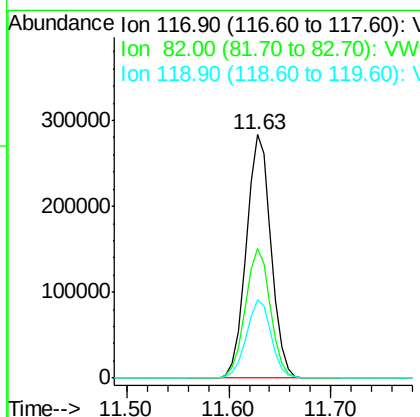
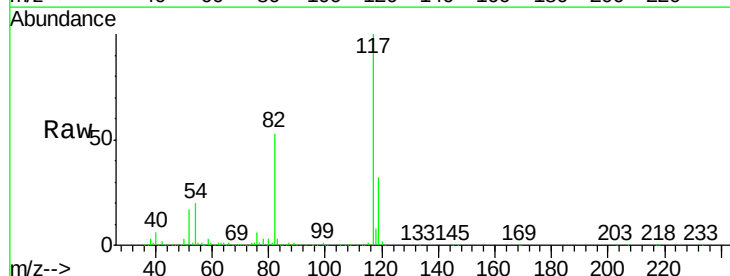
Instrument :
MSVOA_W
ClientSampleId :

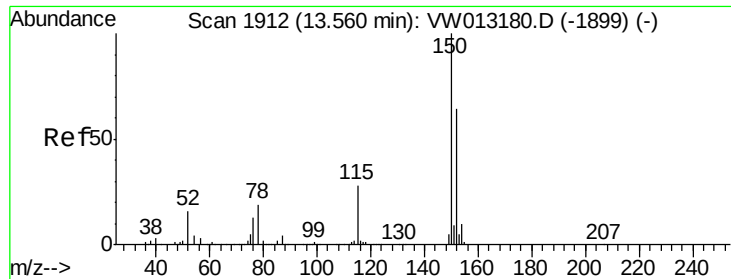
Tot Ion	95	Resp	196517
Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	178.4
176	85.9	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013206.D
Acq: 21 Sep 2019 02:12

Tgt Ion	117	Resp	477383
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.9	68.9
119	32.4	26.2	39.2



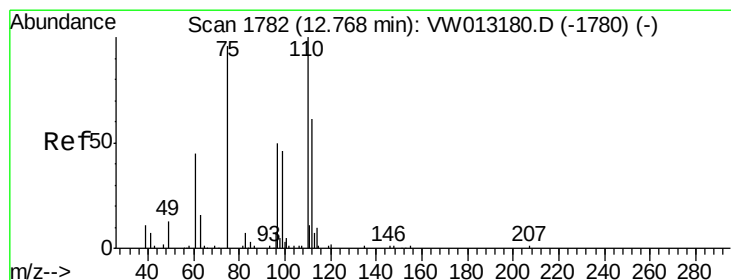
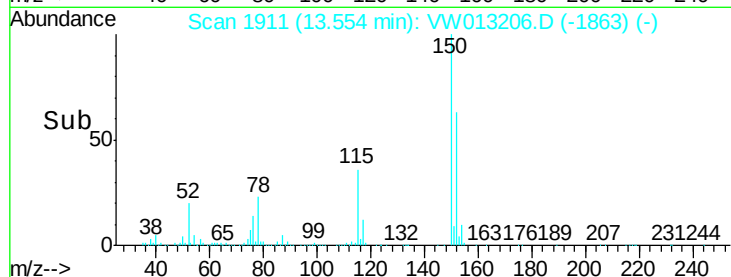
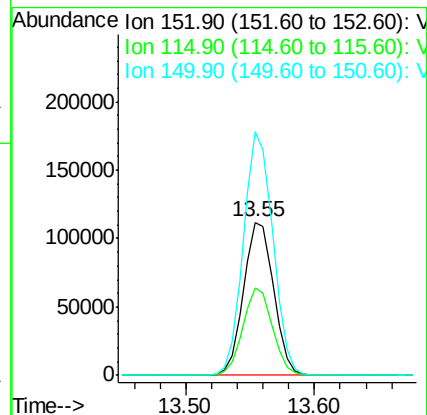
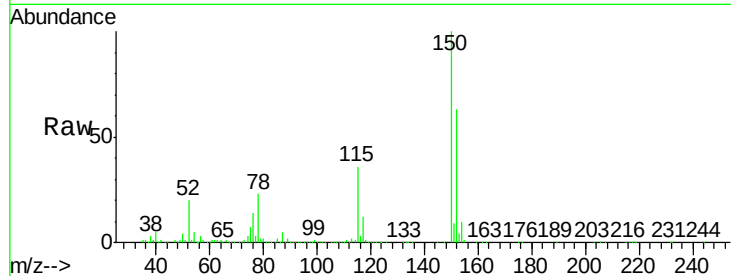


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013206.D
Acq: 21 Sep 2019 02:12

Instrument :
MSVOA_W
ClientSampled :

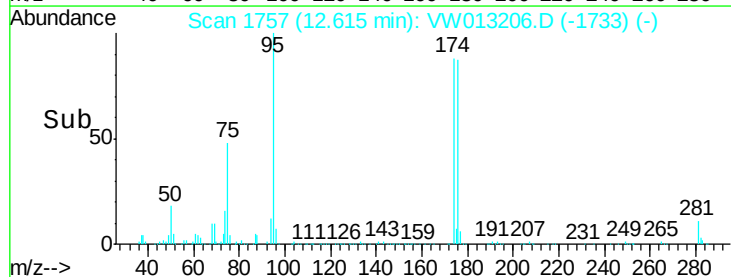
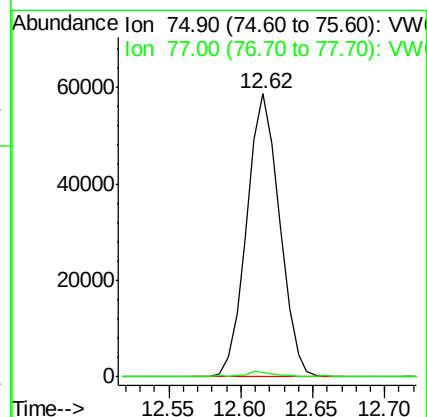
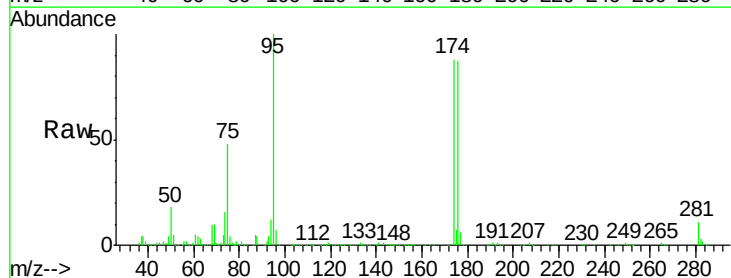
Tot Ion:152 Resp: 180047
Ion Ratio Lower Upper
152 100
115 56.3 27.3 81.9
150 156.2 0.0 349.0

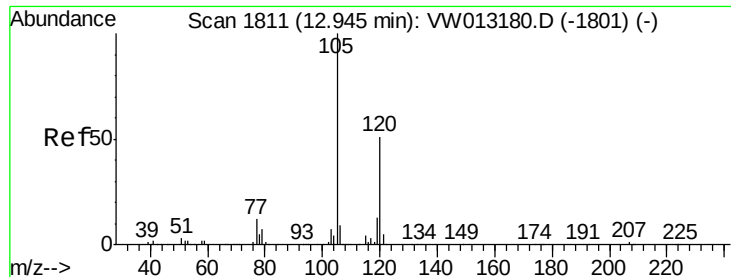


#76

1,2,3-Trichloropropane
Concen: 58.364 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013206.D
Acq: 21 Sep 2019 02:12

Tgt Ion: 75 Resp: 92801
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 1.022 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

Instrument :

MSVOA_W

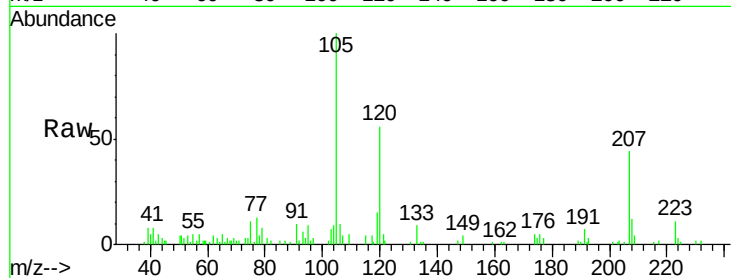
ClientSampleId :

Tot Ion:105 Resp: 11430

Ion Ratio Lower Upper

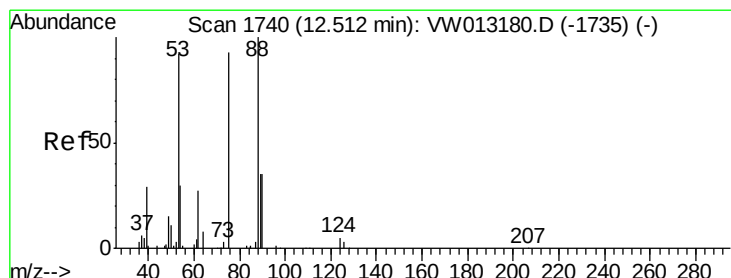
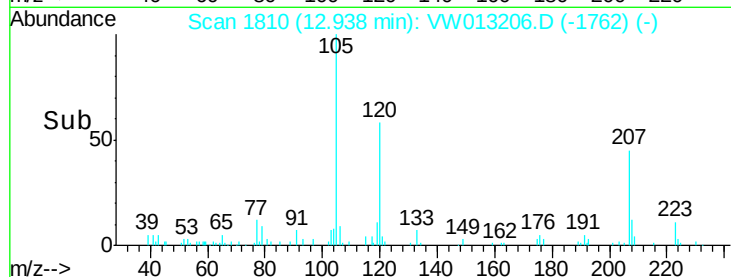
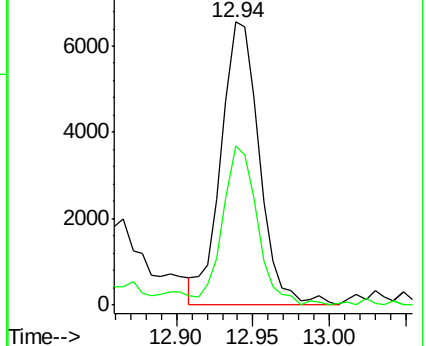
105 100

120 50.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 130.963 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013206.D

Acq: 21 Sep 2019 02:12

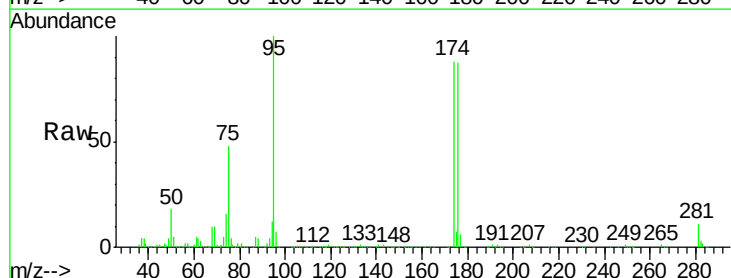
Tgt Ion: 75 Resp: 92801

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.1 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

