

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013456.D
 Acq On : 07 Oct 2019 12:08
 Operator : SY/VA
 Sample : K5141-01
 Misc : 8.23G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-100419

Quant Time: Oct 07 16:49:47 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	294974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	155642	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	117730	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
35) Dibromofluoromethane	7.88	113	123830	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
50) Toluene-d8	10.32	98	503598	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	157036	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

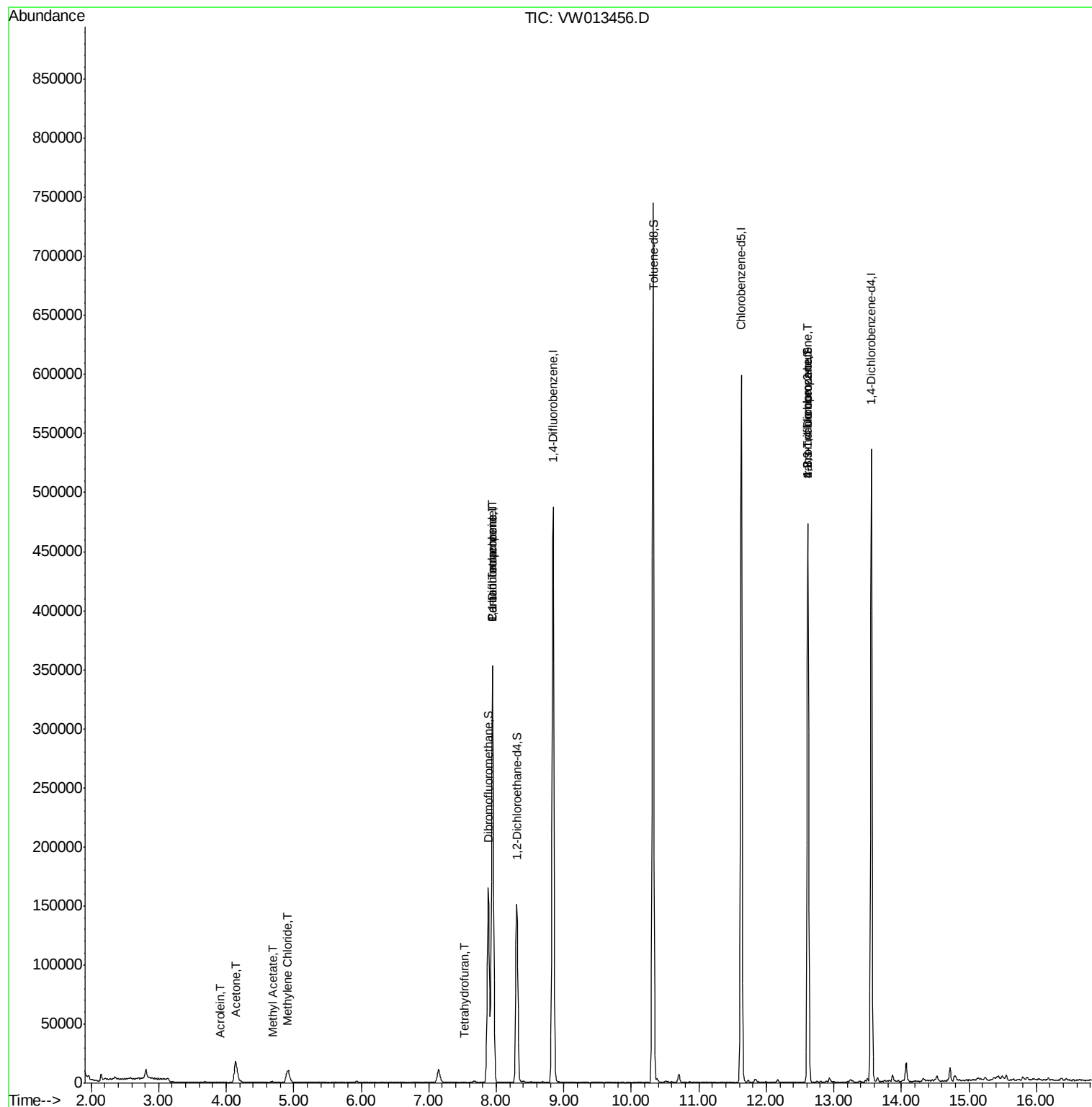
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	114	Below Cal	#	73
13) Acrolein	3.92	56	104	11.025	ug/l #	15
16) Acetone	4.14	43	36396	53.912	ug/l	98
18) Methyl Acetate	4.68	43	1820	1.152	ug/l #	76
20) Methylene Chloride	4.91	84	9688	1.709	ug/l	86
26) 2,2-Dichloropropane	7.15	77	941	Below Cal	#	52
29) Tetrahydrofuran	7.52	42	71	9.829	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	19065	4.651	ug/l #	47
38) Carbon Tetrachloride	7.95	117	25153	7.084	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	71573	51.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71573	104.984	ug/l #	12

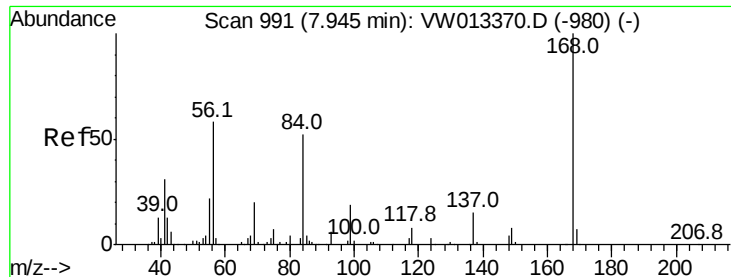
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100719\
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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: VW013456.D

Acq: 07 Oct 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

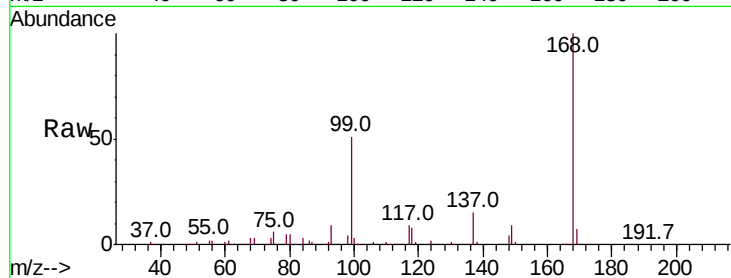
JC-02-100419

Tot Ion:168 Resp: 294974

Ion Ratio Lower Upper

168 100

99 51.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

150000 Ion 98.90 (98.60 to 99.60): VW

7.95

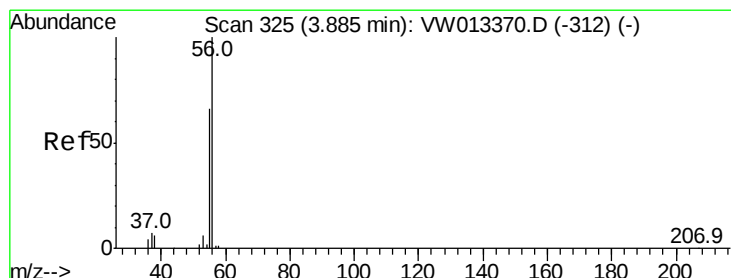
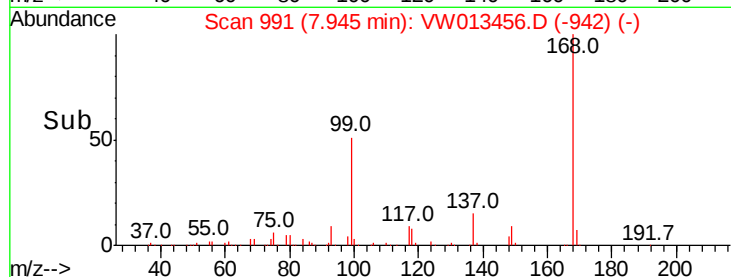
100000

50000

0

7.90 8.00

Time-->



#13

Acrolein

Concen: 11.025 ug/l

RT: 3.92 min Scan# 331

Delta R.T. 0.04 min

Lab File: VW013456.D

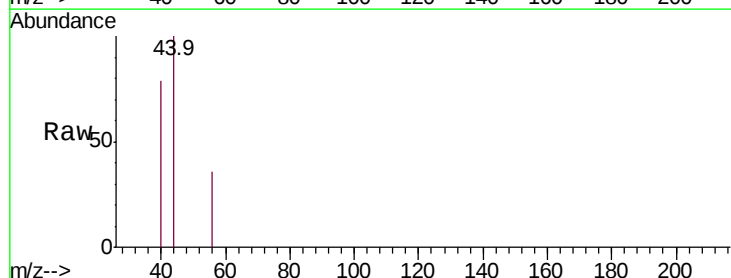
Acq: 07 Oct 2019 12:08

Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

120 Ion 55.00 (54.70 to 55.70): VW

100

80

60

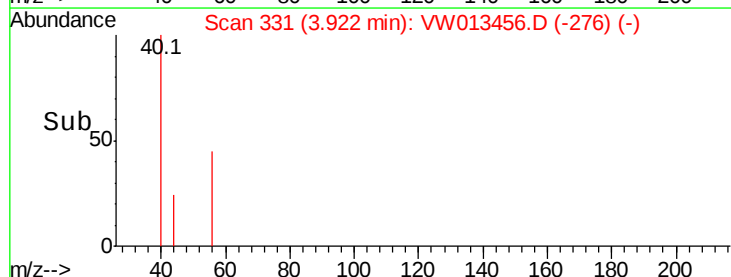
40

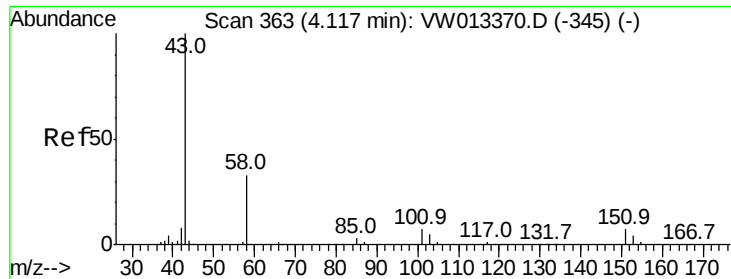
20

0

3.88 3.90 3.92 3.94

Time-->

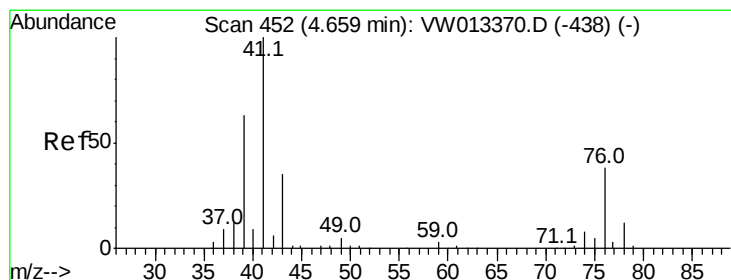
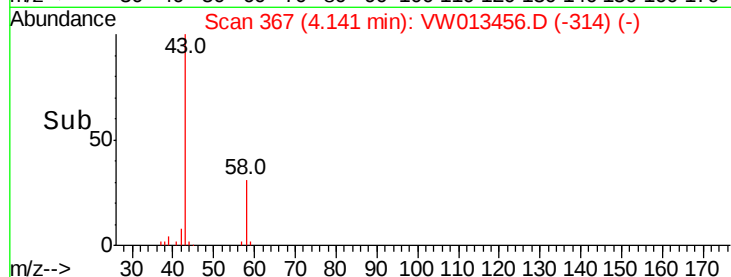
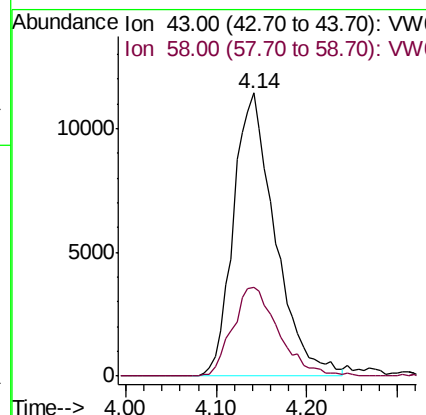
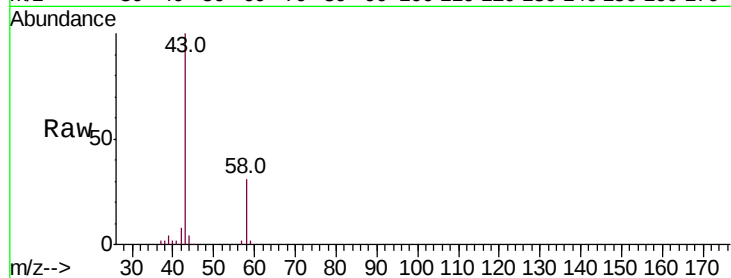




#16
Acetone
Concen: 53.912 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

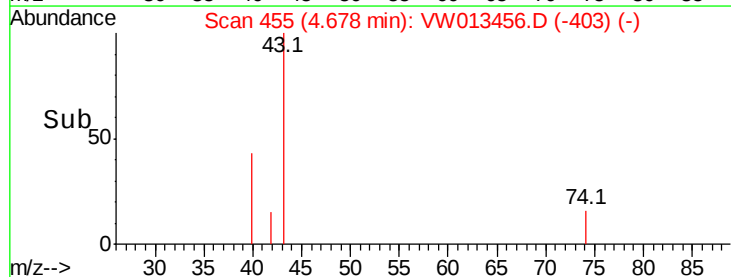
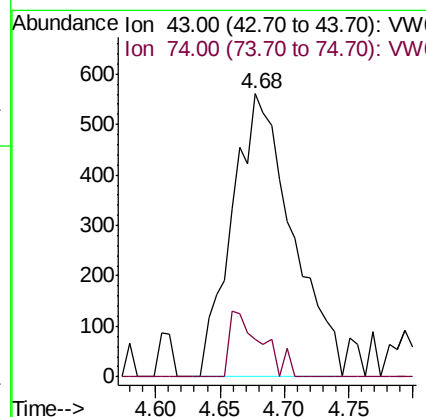
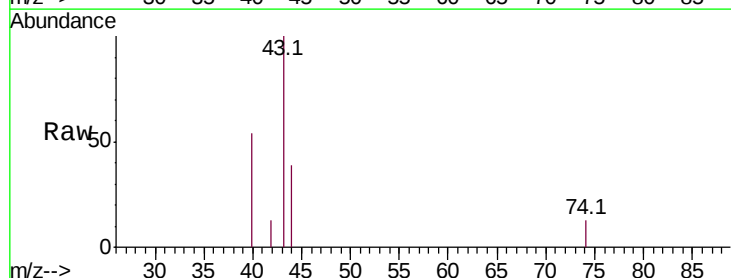
Instrument :
MSVOA_W
ClientSampled :
JC-02-100419

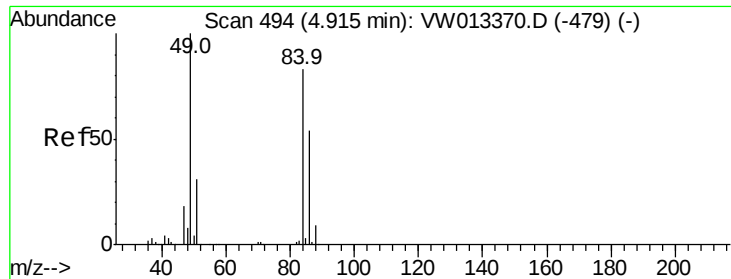
Tot Ion: 43 Resp: 36396
Ion Ratio Lower Upper
43 100
58 31.2 24.1 36.1



#18
Methyl Acetate
Concen: 1.152 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.02 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

Tgt Ion: 43 Resp: 1820
Ion Ratio Lower Upper
43 100
74 12.2 19.3 28.9#

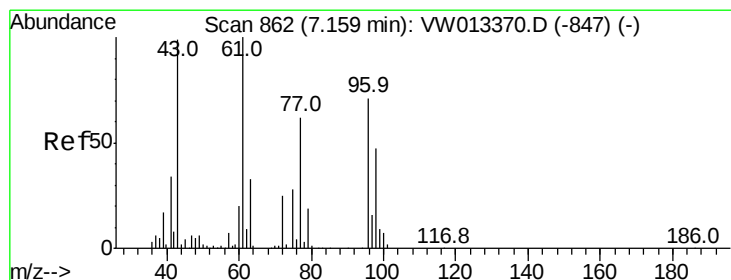
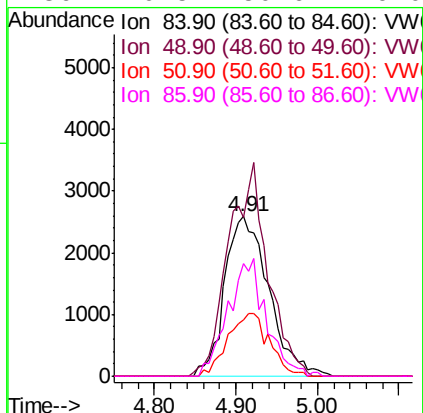
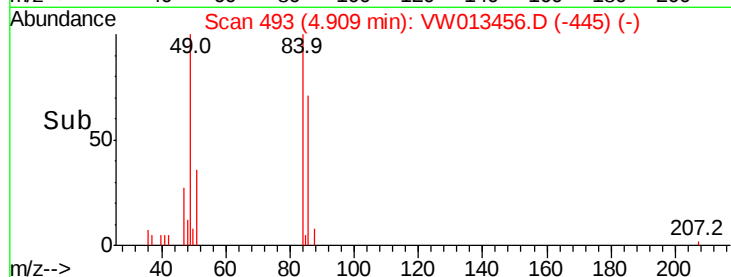
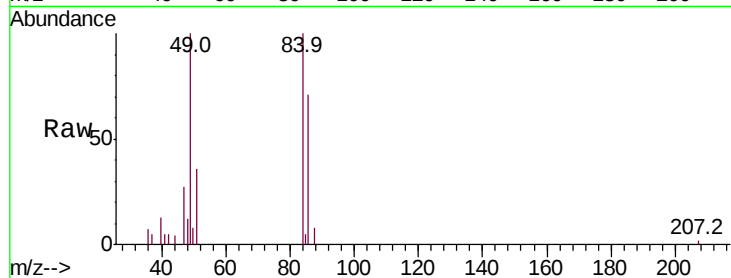




#20
Methvlene Chloride
Concen: 1.709 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

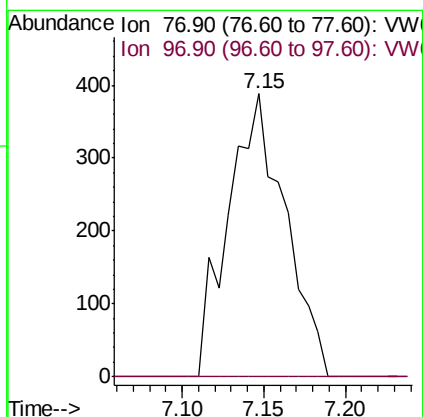
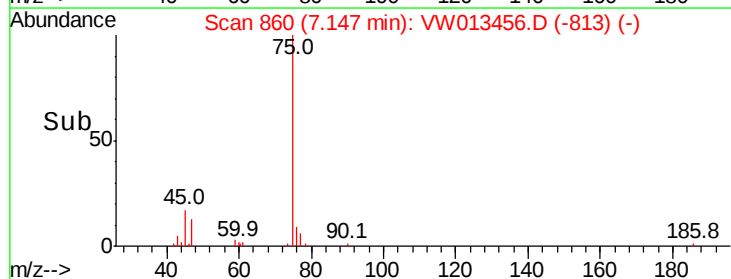
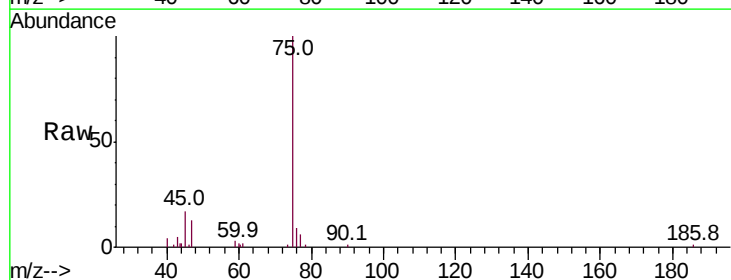
Instrument :
MSVOA_W
ClientSampleId :
JC-02-100419

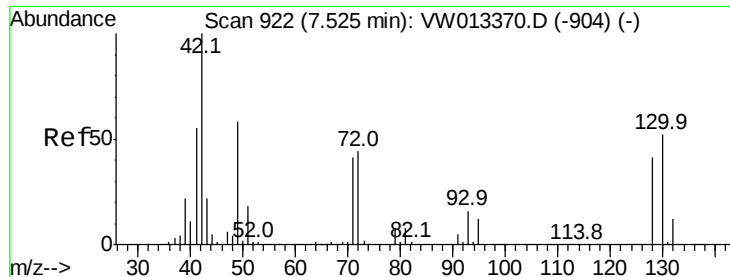
Tot Ion:	84	Resp:	9688
Ion	Ratio	Lower	Upper
84	100		
49	99.7	97.6	146.4
51	35.6	30.2	45.2
86	70.5	50.6	76.0



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

Tgt Ion:	77	Resp:	941
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.8	35.4#





#29

Tetrahydrofuran

Concen: 9.829 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW013456.D

Acq: 07 Oct 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

JC-02-100419

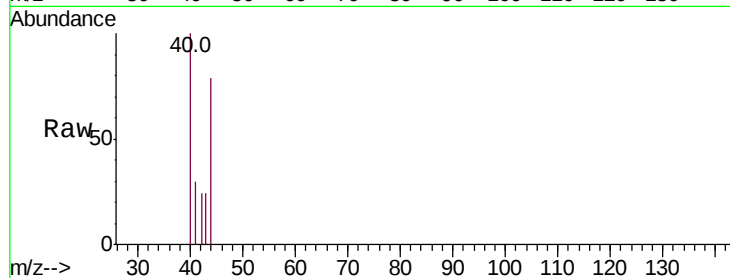
Tot Ion: 42 Resp: 71

Ion Ratio Lower Upper

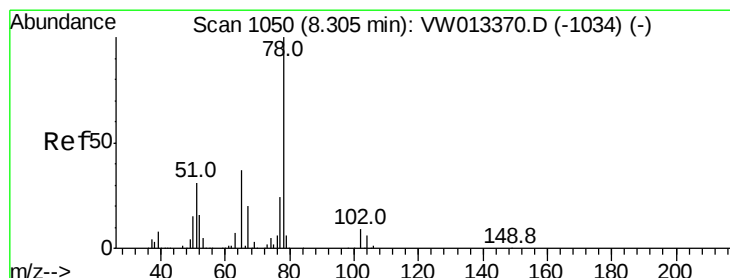
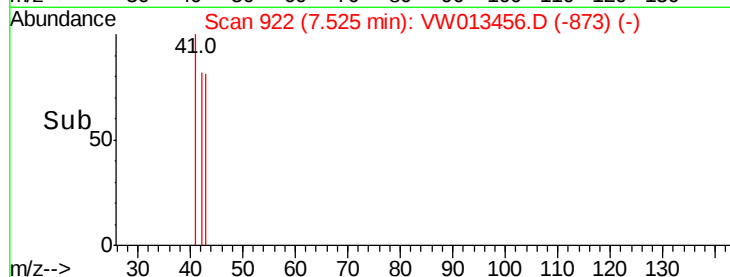
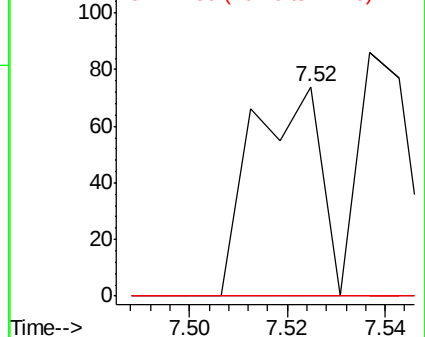
42 100

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: 53.453 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013456.D

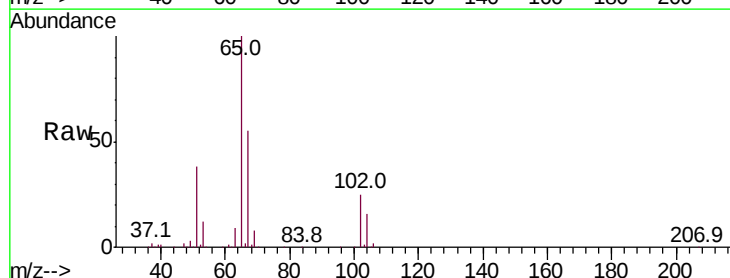
Acq: 07 Oct 2019 12:08

Tgt Ion: 65 Resp: 117730

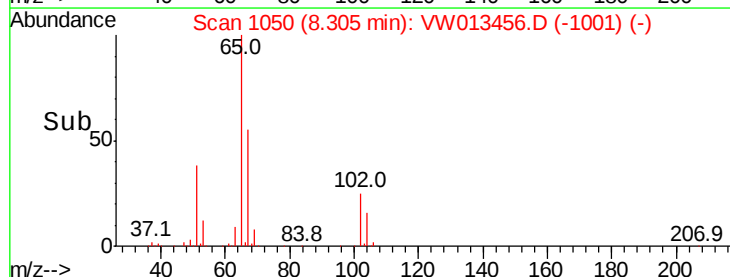
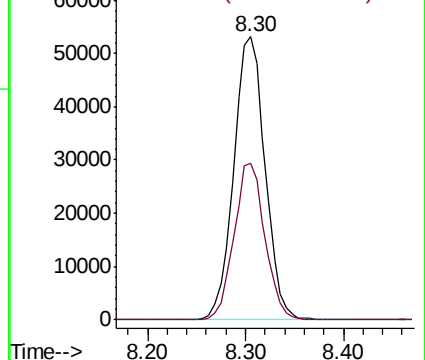
Ion Ratio Lower Upper

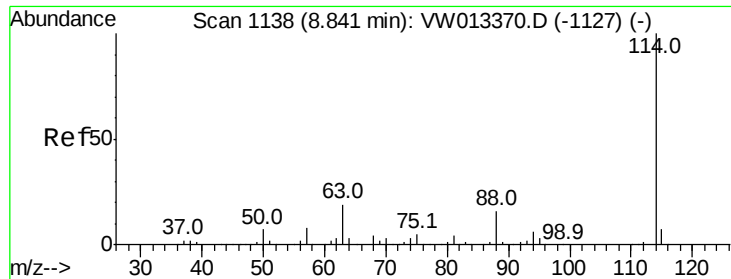
65 100

67 54.5 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: VW013456.D

Acq: 07 Oct 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

JC-02-100419

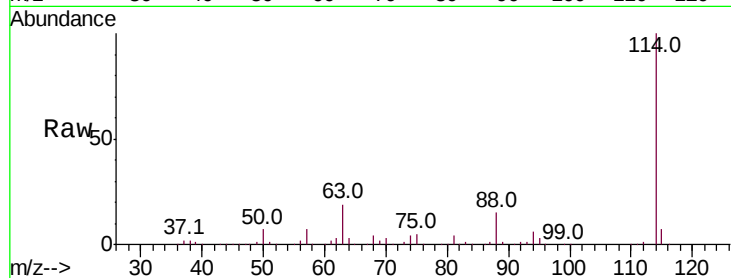
Tot Ion:114 Resp: 441320

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

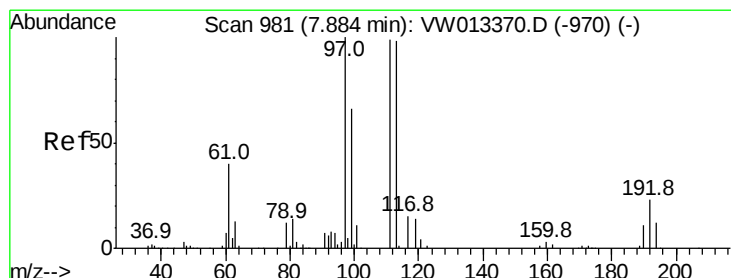
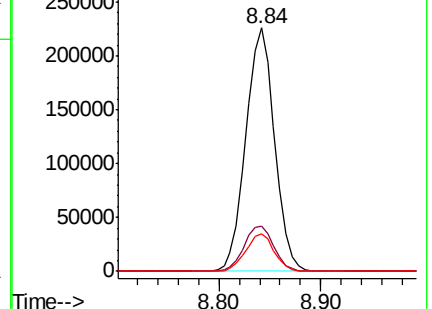
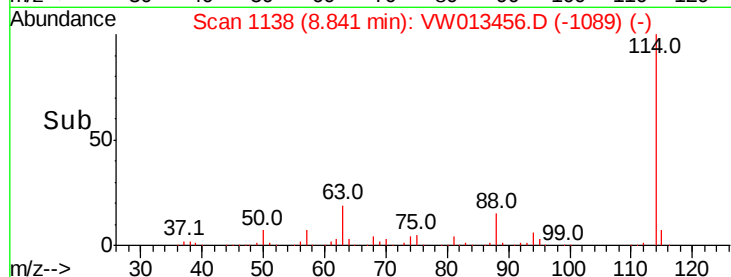
88 15.2 0.0 32.0



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: 53.474 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013456.D

Acq: 07 Oct 2019 12:08

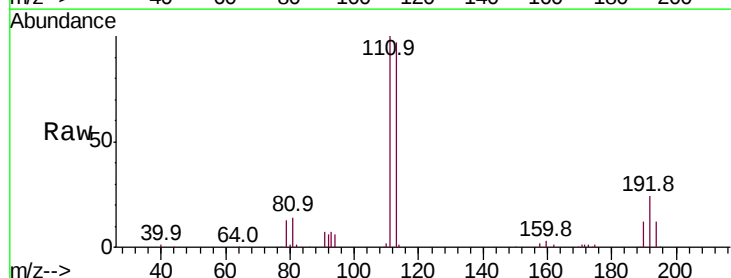
Tgt Ion:113 Resp: 123830

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

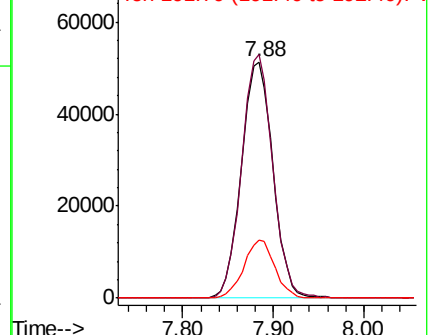
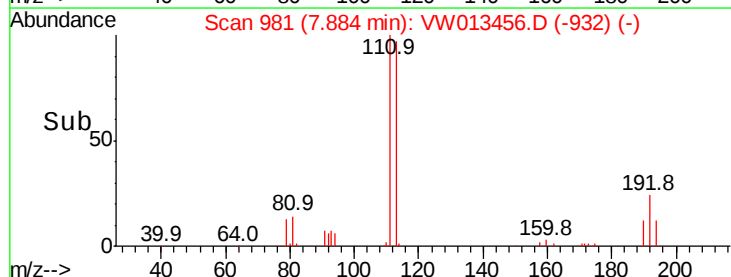
192 24.3 19.1 28.7

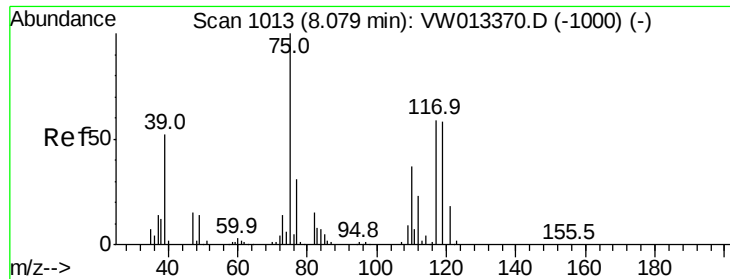


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013456.D

Acq: 07 Oct 2019 12:08

Instrument :

MSVOA_W

ClientSampled :

JC-02-100419

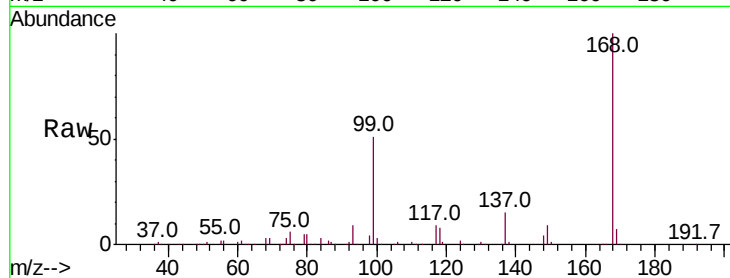
Tot Ion: 75 Resp: 19065

Ion Ratio Lower Upper

75 100

110 7.6 18.1 54.3#

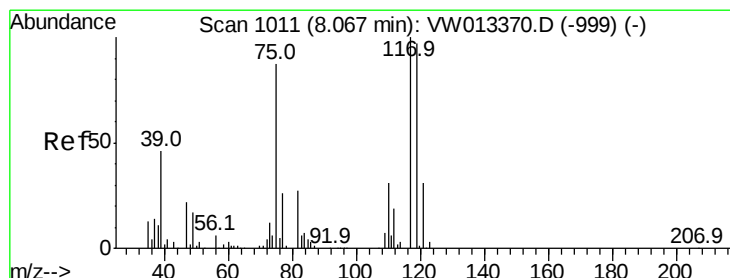
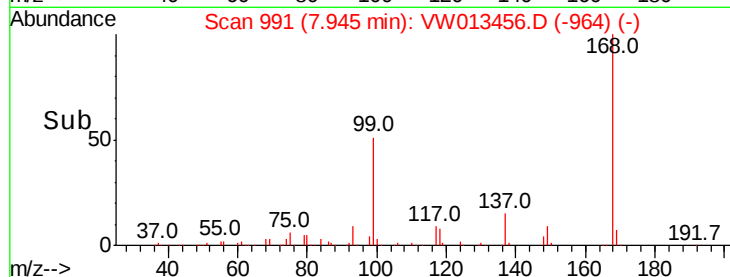
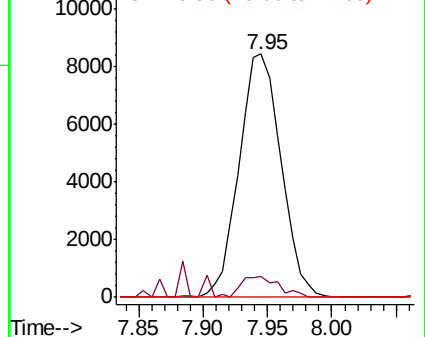
77 0.0 25.8 38.6#



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



#38

Carbon Tetrachloride

Concen: 7.084 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013456.D

Acq: 07 Oct 2019 12:08

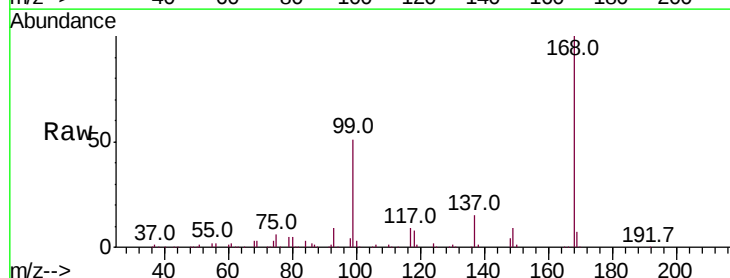
Tgt Ion: 117 Resp: 25153

Ion Ratio Lower Upper

117 100

119 5.6 73.5 110.3#

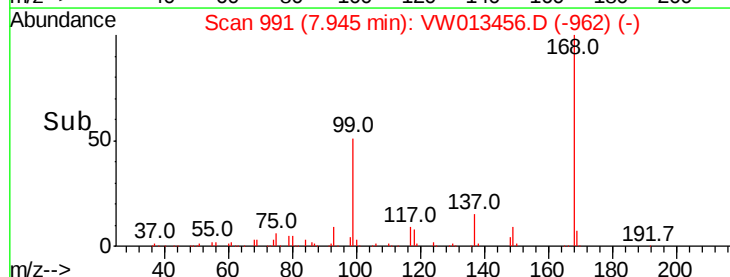
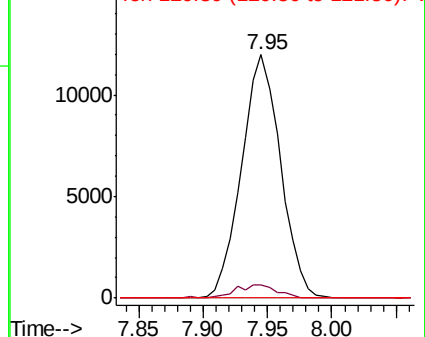
121 0.0 25.0 37.6#

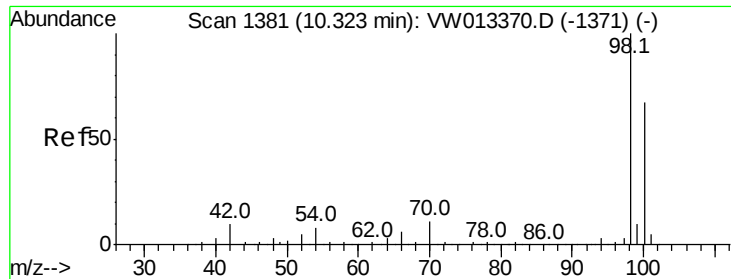


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

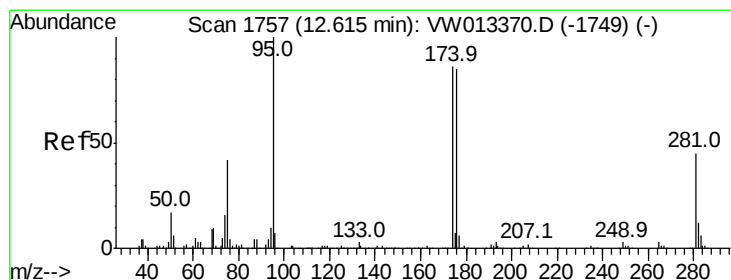
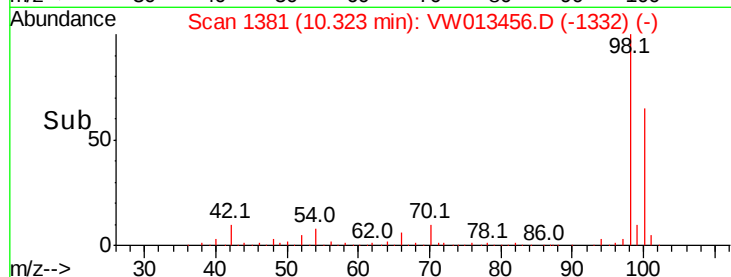
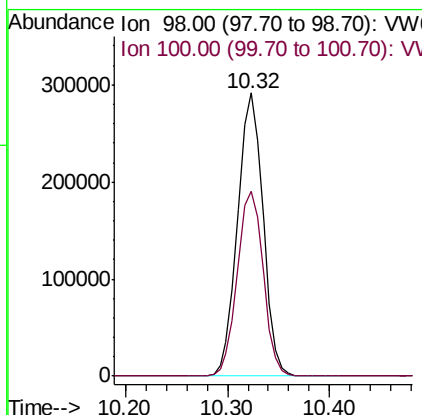
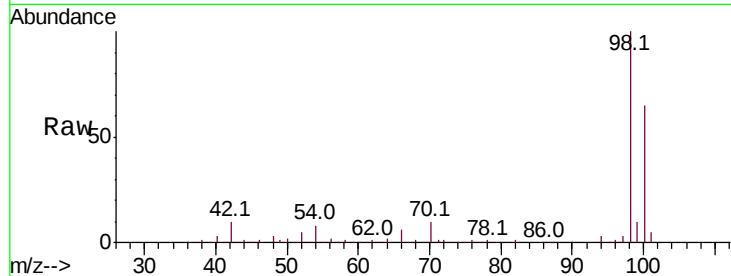




#50
Toluene-d8
Concen: 52.405 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

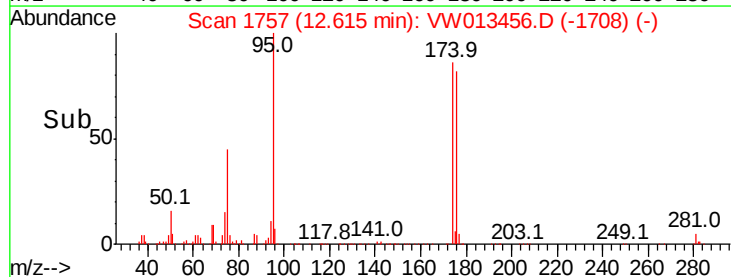
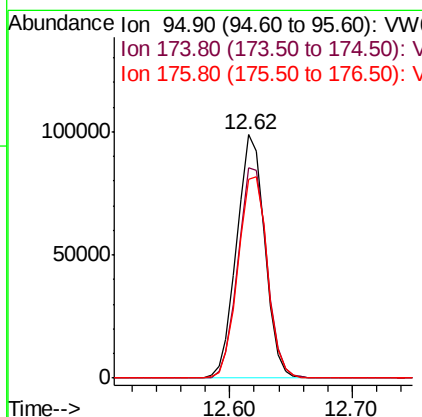
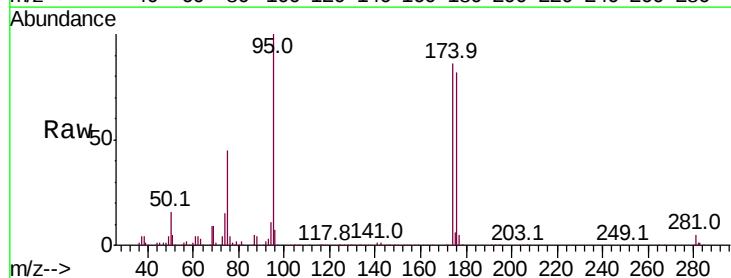
Instrument :
MSVOA_W
ClientSampleId :
JC-02-100419

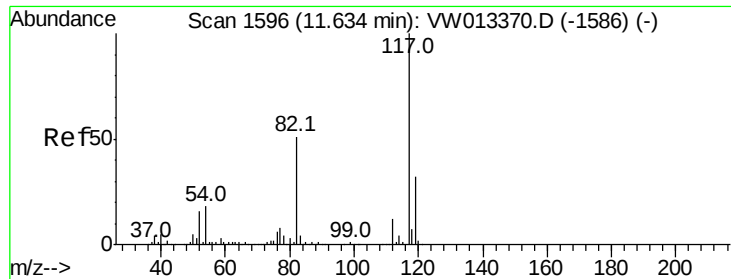
Tot Ion: 98 Resp: 503598
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.935 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

Tgt Ion: 95 Resp: 157036
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.4
176 86.5 0.0 172.2

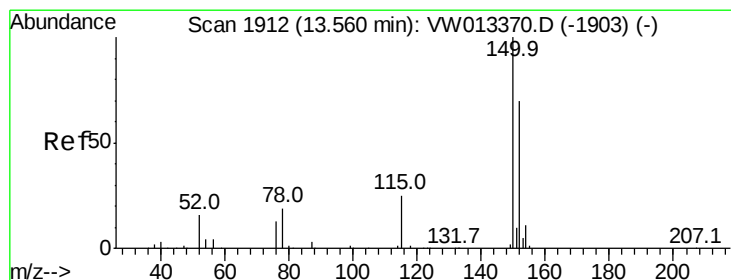
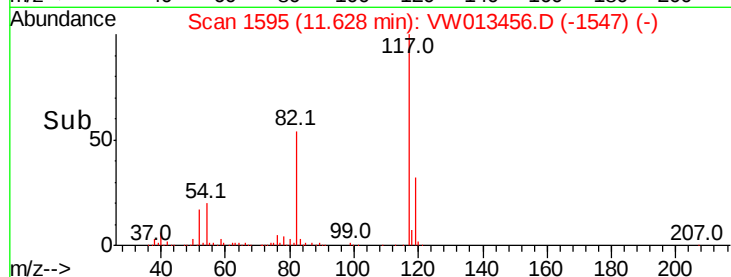
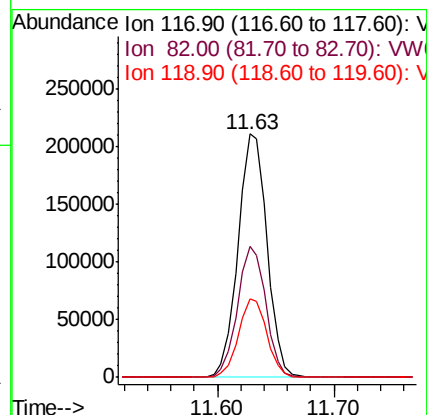
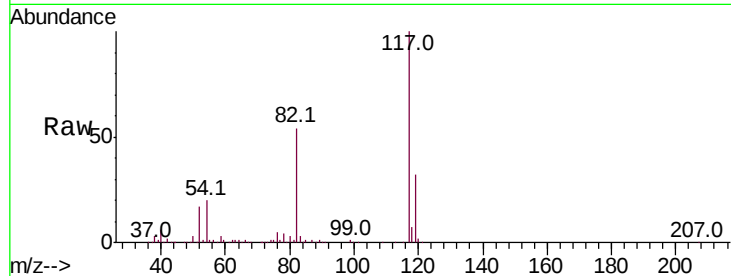




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

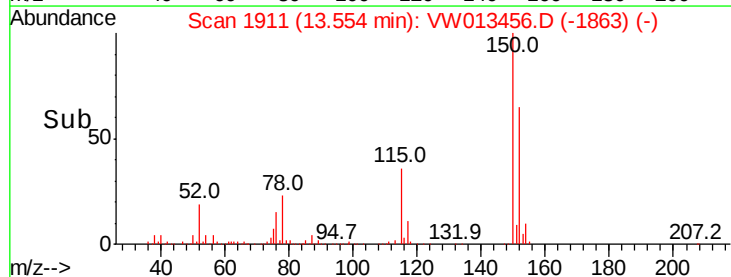
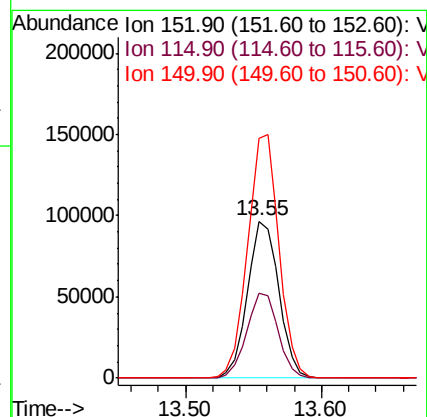
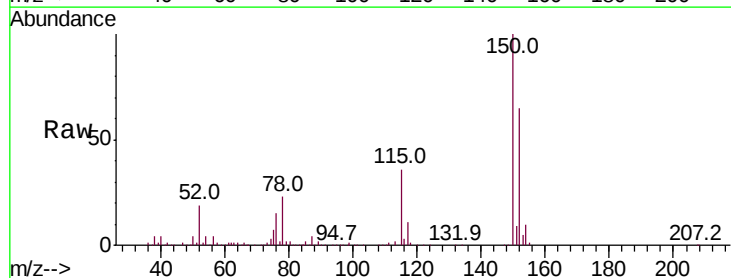
Instrument :
MSVOA_W
ClientSampleId :
JC-02-100419

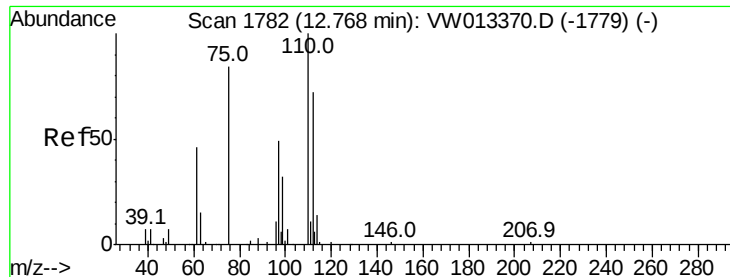
Tot Ion:117 Resp: 365586
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013456.D
Acq: 07 Oct 2019 12:08

Tgt Ion:152 Resp: 155642
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 155.5 0.0 349.0

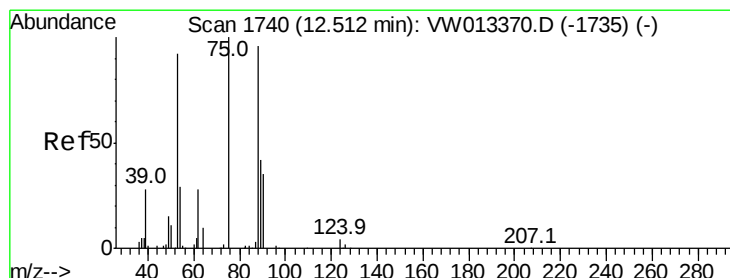
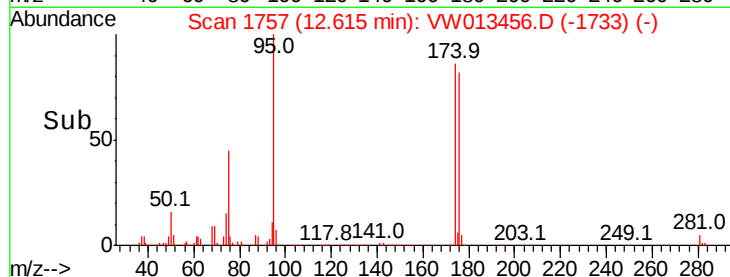
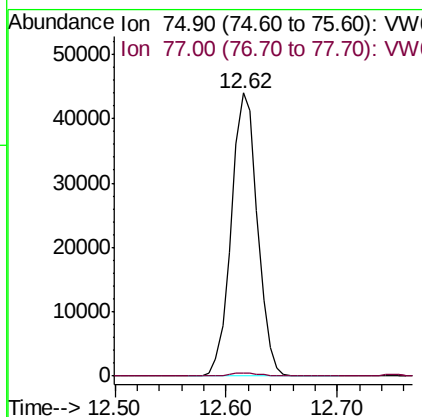
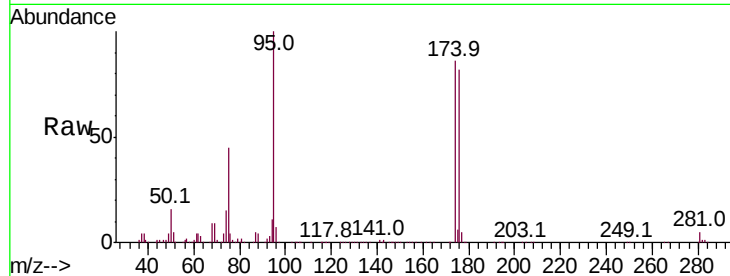




#76
 1,2,3-Trichloropropane
 Concen: 51.741 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013456.D
 Acq: 07 Oct 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-100419

Tot Ion: 75 Resp: 71573
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.984 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013456.D
 Acq: 07 Oct 2019 12:08

Tgt Ion: 75 Resp: 71573
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.6 114.8#
 89 0.0 33.5 50.3#

