

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013468.D
 Acq On : 07 Oct 2019 17:20
 Operator : SY/VA
 Sample : K5146-01RE
 Misc : 6.71G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100419

Quant Time: Oct 07 17:55:16 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	321606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171975	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	128366	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
35) Dibromofluoromethane	7.88	113	132877	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
50) Toluene-d8	10.32	98	551700	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.61	95	171617	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

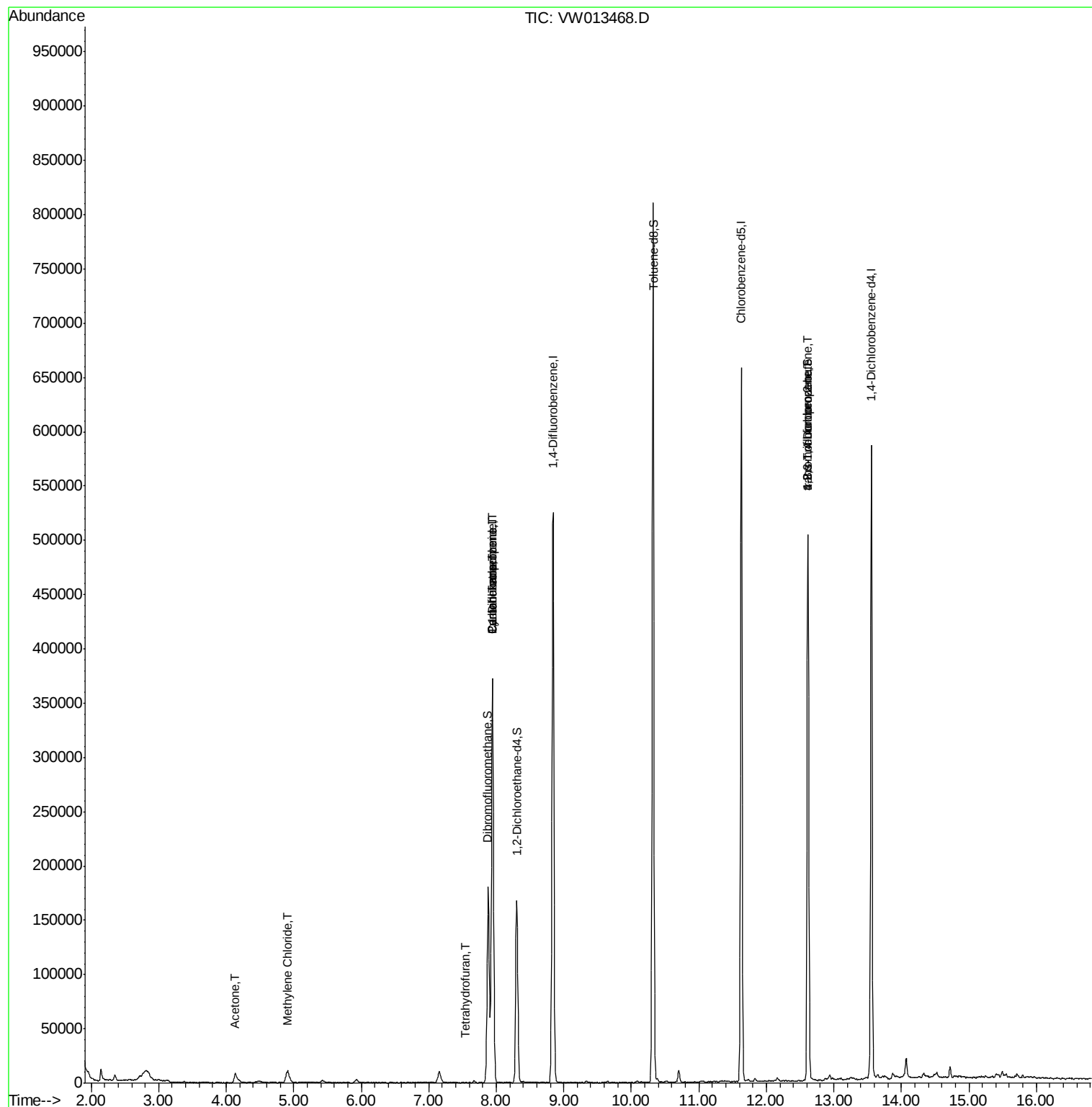
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	189	Below Cal	#	73
16) Acetone	4.13	43	16599	22.551	ug/l	98
20) Methylene Chloride	4.91	84	9339	1.296	ug/l	92
26) 2,2-Dichloropropane	7.14	77	321	Below Cal	#	52
29) Tetrahydrofuran	7.55	42	74	9.823	ug/l #	34
31) Cyclohexane	7.94	56	5499	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	19518	4.362	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26973	6.959	ug/l #	17
76) 1,2,3-Trichloropropane	12.61	75	79545	52.043	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	79545	105.572	ug/l #	12

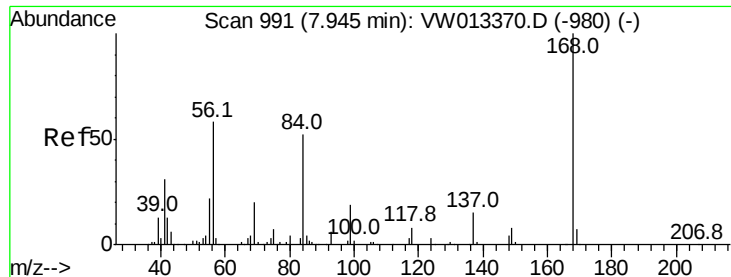
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100719\
Data File : VW013468.D
Acq On : 07 Oct 2019 17:20
Operator : SY/VA
Sample : K5146-01RE
Misc : 6.71G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100419

Quant Time: Oct 07 17:55:16 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: VW013468.D

Acq: 07 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

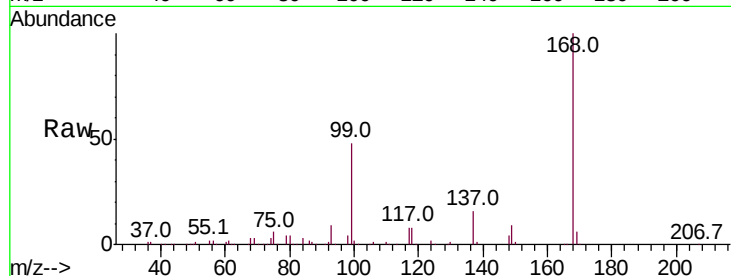
CL-01-100419

Tot Ion:168 Resp: 321606

Ion Ratio Lower Upper

168 100

99 48.1 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

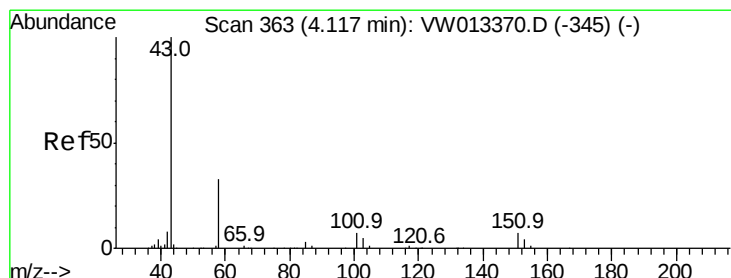
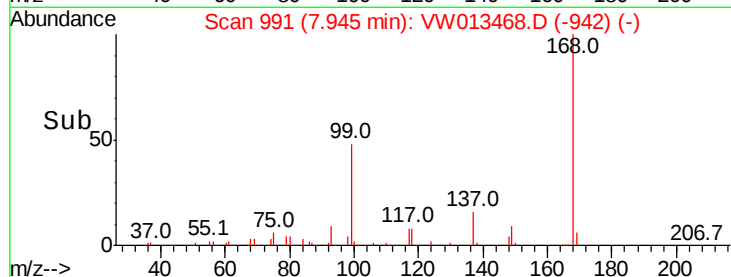
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 22.551 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013468.D

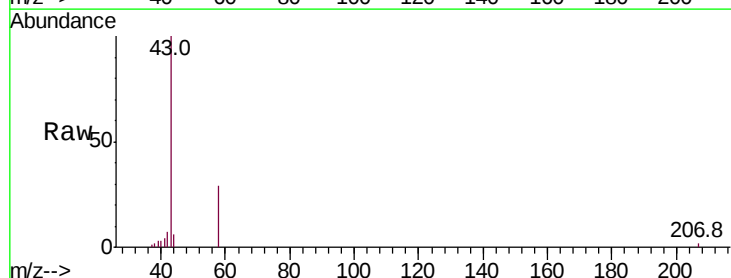
Acq: 07 Oct 2019 17:20

Tgt Ion: 43 Resp: 16599

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

6000

5000

4000

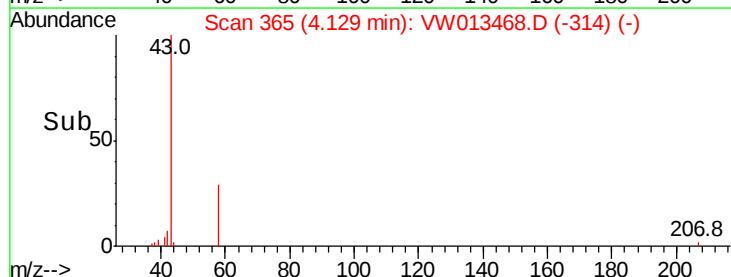
3000

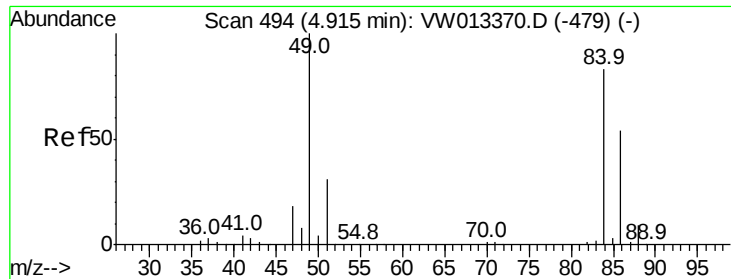
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

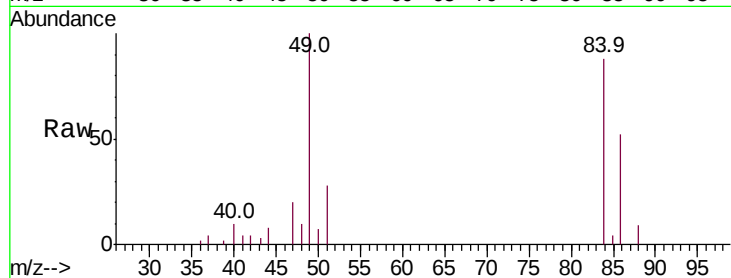




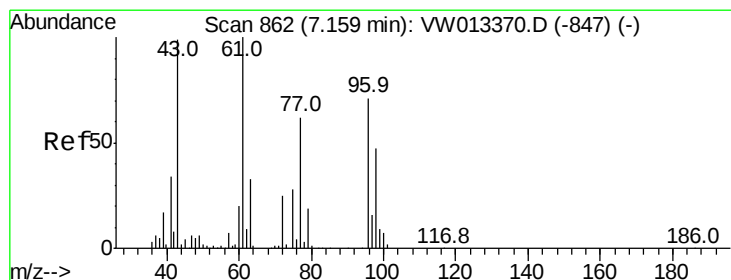
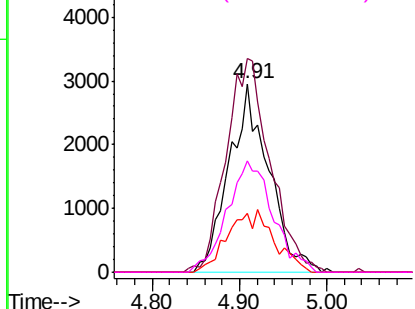
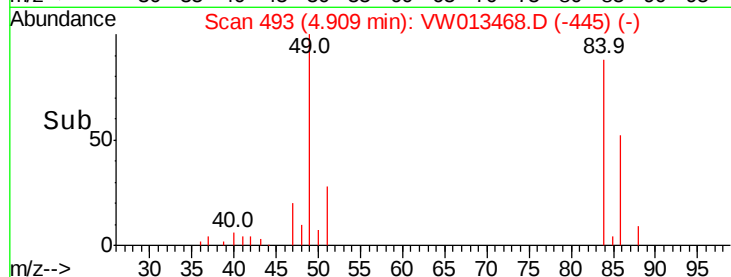
#20
Methvlene Chloride
Concen: 1.296 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013468.D
Acq: 07 Oct 2019 17:20

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100419

Tot Ion: 84 Resp: 9339
Ion Ratio Lower Upper
84 100
49 113.2 97.6 146.4
51 31.6 30.2 45.2
86 58.9 50.6 76.0

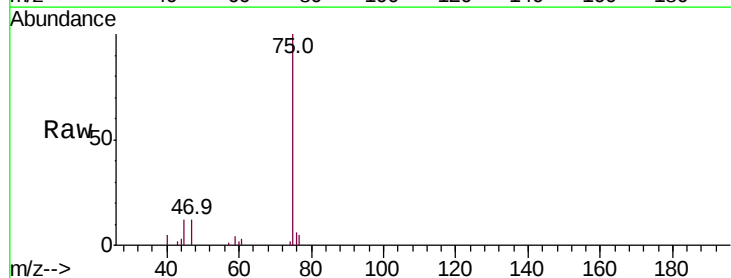


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

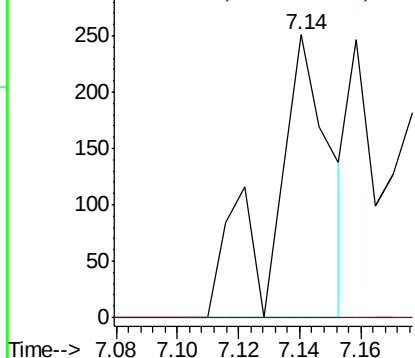
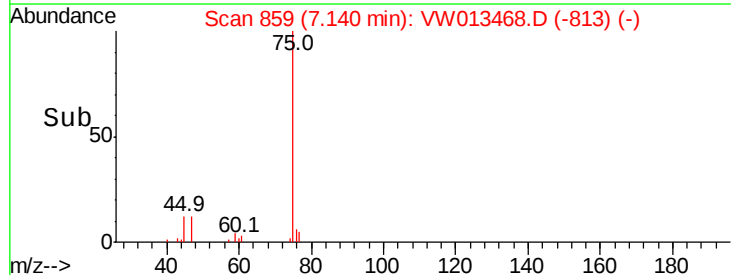


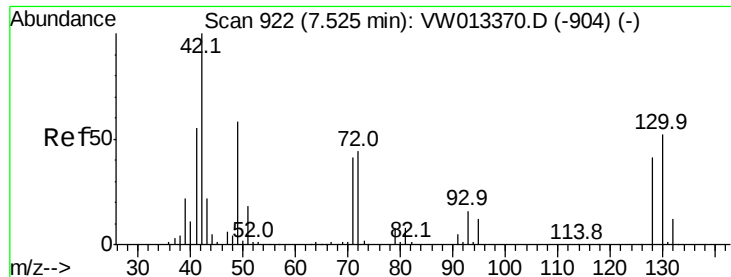
#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013468.D
Acq: 07 Oct 2019 17:20

Tgt Ion: 77 Resp: 321
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

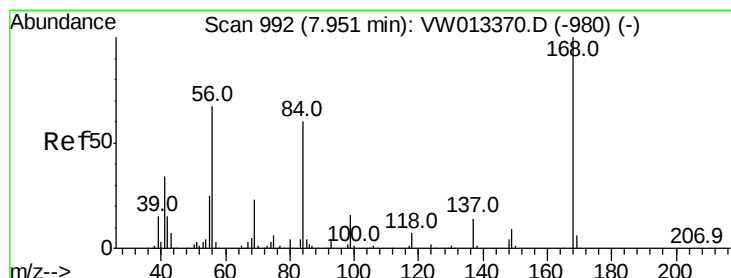
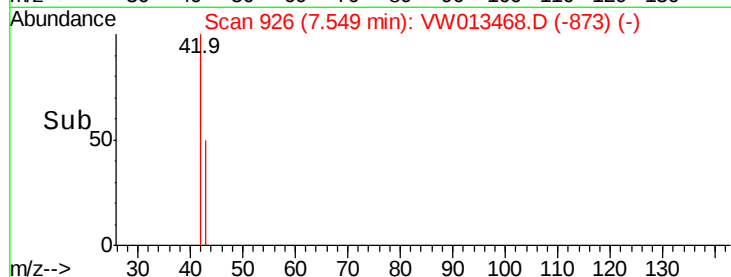
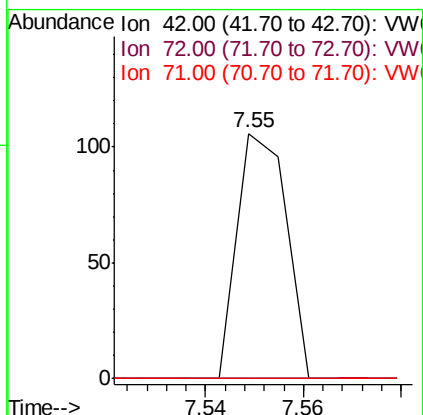
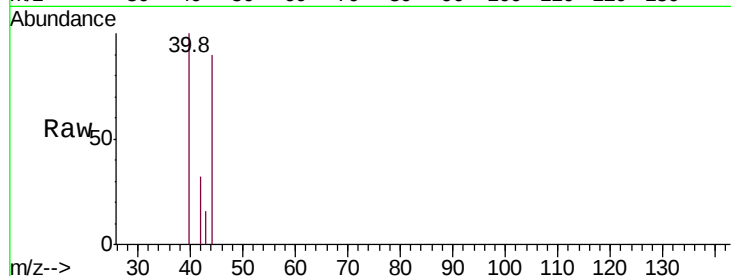




#29
Tetrahydrofuran
Concen: 9.823 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW013468.D
Acq: 07 Oct 2019 17:20

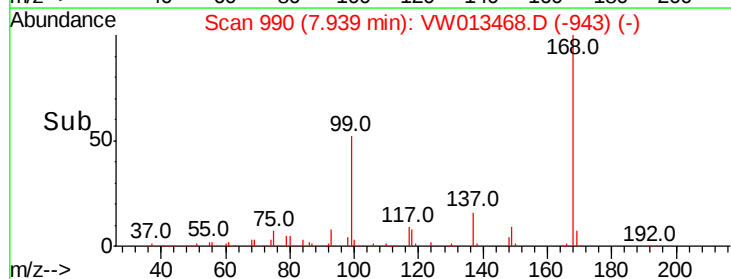
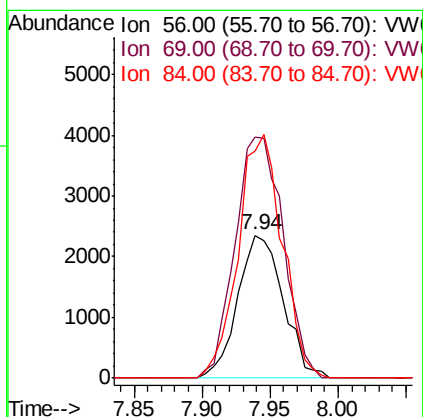
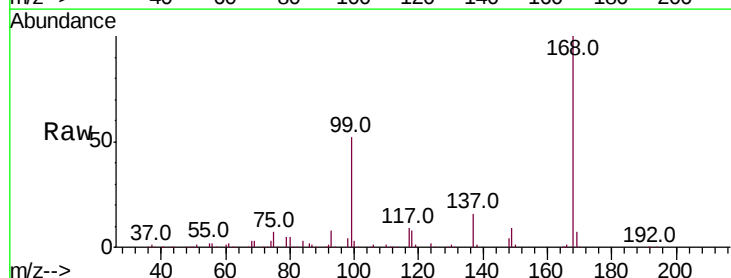
Instrument :
MSVOA_W
ClientSampled :
CL-01-100419

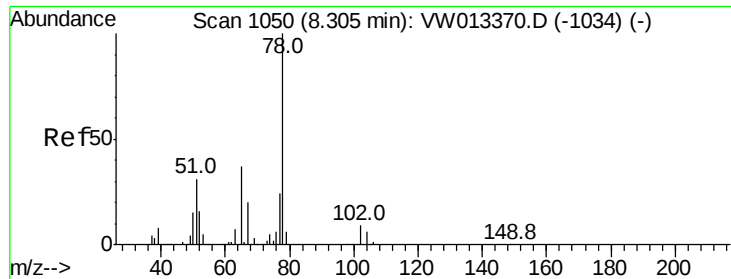
Tot Ion: 42 Resp: 74
Ion Ratio Lower Upper
42 100
72 0.0 33.9 50.9#
71 0.0 31.9 47.9#



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013468.D
Acq: 07 Oct 2019 17:20

Tgt Ion: 56 Resp: 5499
Ion Ratio Lower Upper
56 100
69 168.9 27.2 40.8#
84 158.5 70.8 106.2#





#33

1,2-Dichloroethane-d4

Concen: 53.456 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013468.D

Acq: 07 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

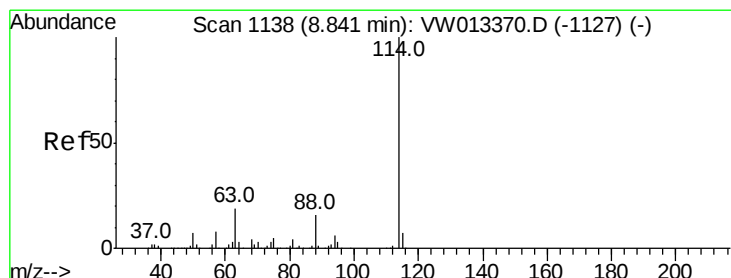
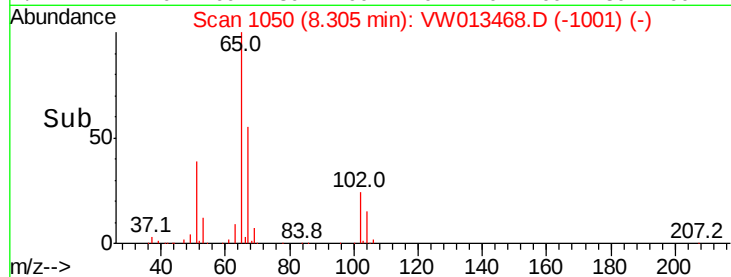
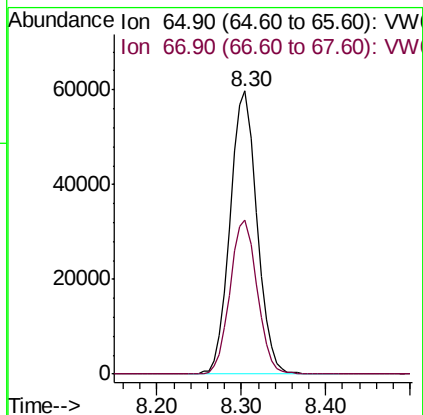
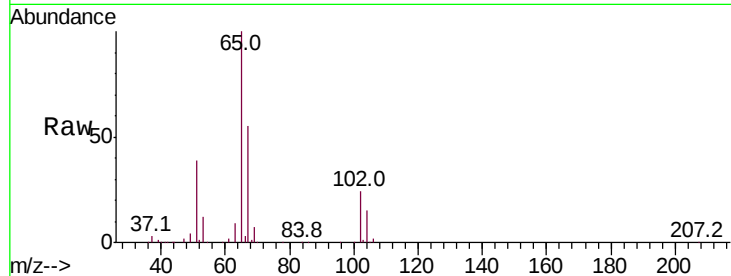
CL-01-100419

Tot Ion: 65 Resp: 128366

Ion Ratio Lower Upper

65 100

67 55.0 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: VW013468.D

Acq: 07 Oct 2019 17:20

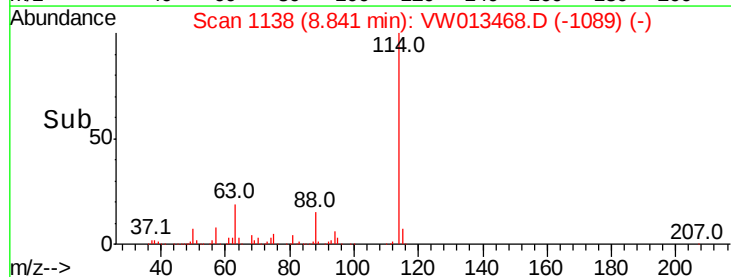
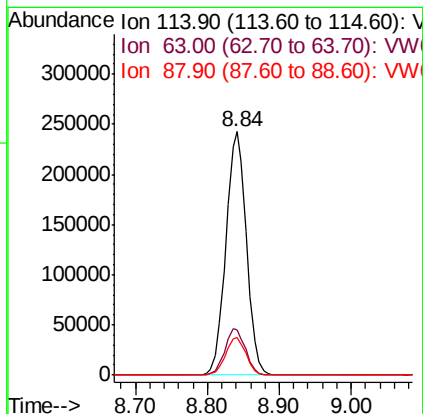
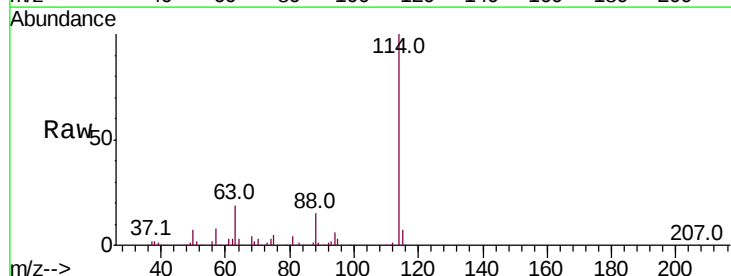
Tgt Ion: 114 Resp: 481710

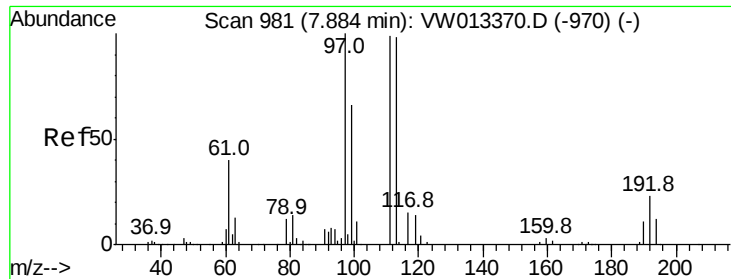
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.4

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.569 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013468.D

Acq: 07 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

CL-01-100419

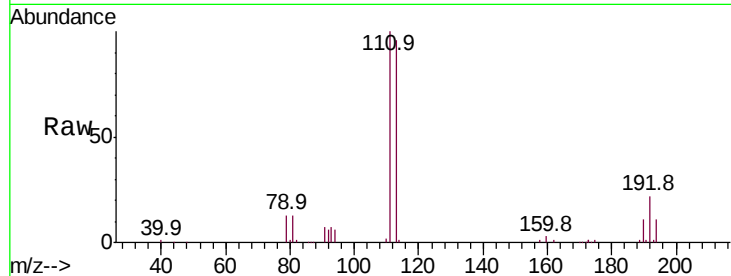
Tot Ion:113 Resp: 132877

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

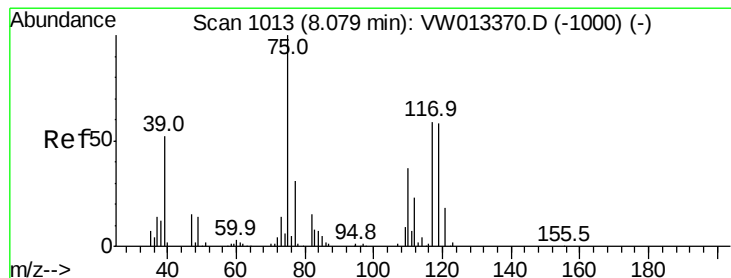
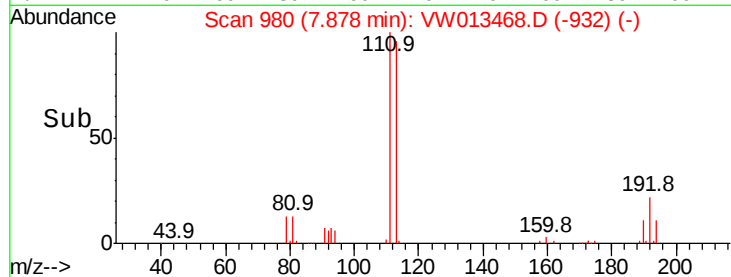
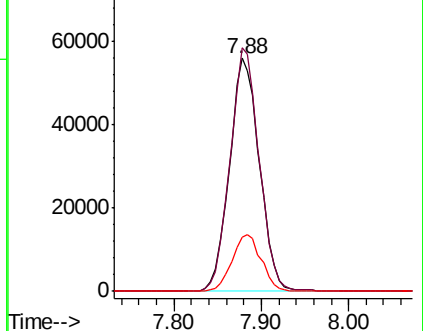
192 23.6 19.1 28.7



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: 4.362 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013468.D

Acq: 07 Oct 2019 17:20

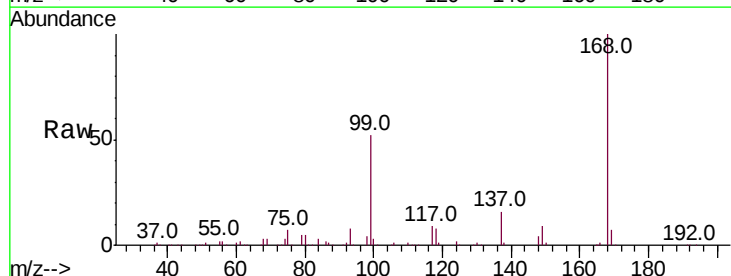
Tgt Ion: 75 Resp: 19518

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.3#

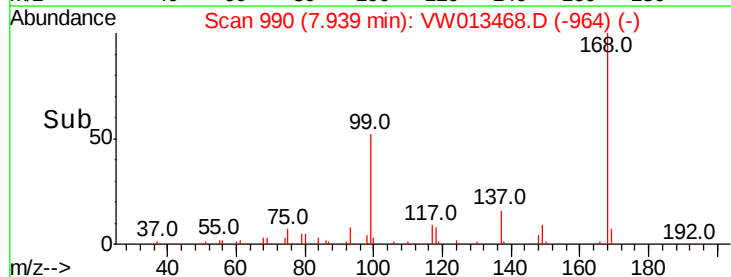
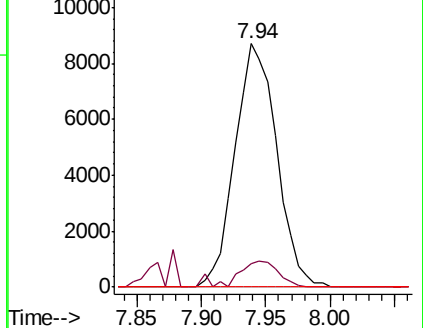
77 0.0 25.8 38.6#

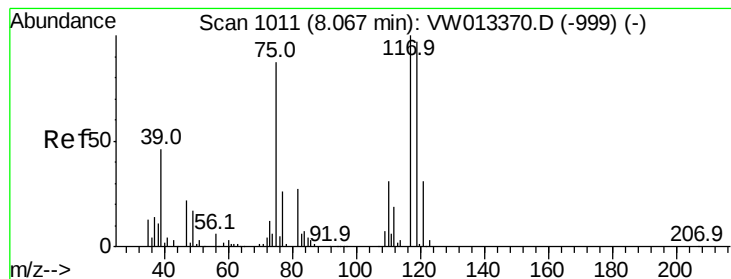


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.959 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013468.D

Acq: 07 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

CL-01-100419

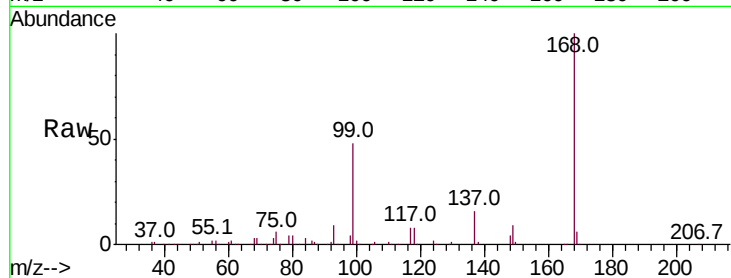
Tot Ion:117 Resp: 26973

Ion Ratio Lower Upper

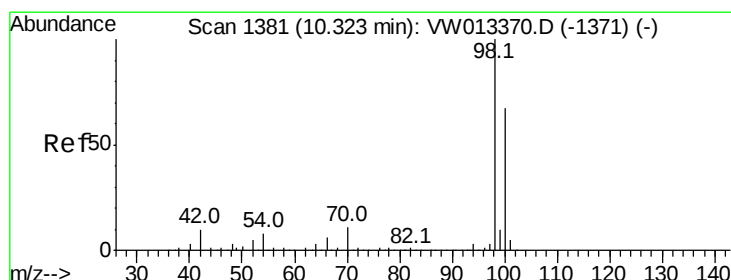
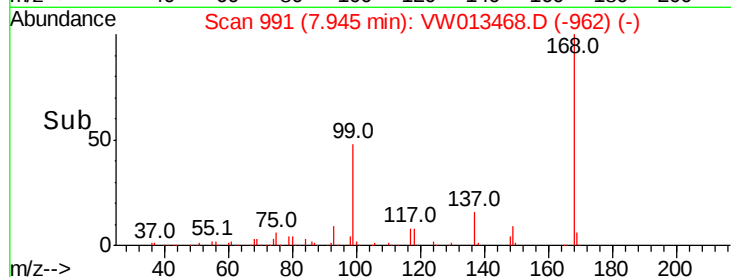
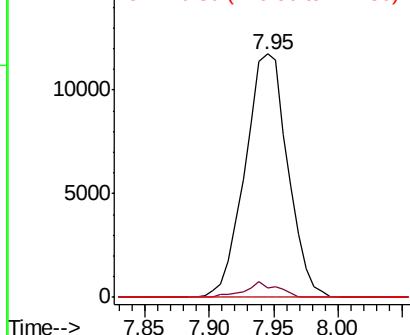
117 100

119 3.7 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: 52.597 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013468.D

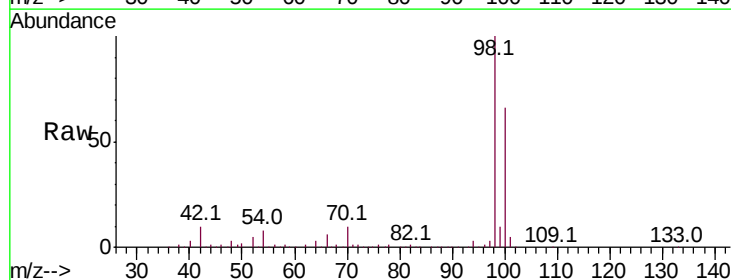
Acq: 07 Oct 2019 17:20

Tgt Ion: 98 Resp: 551700

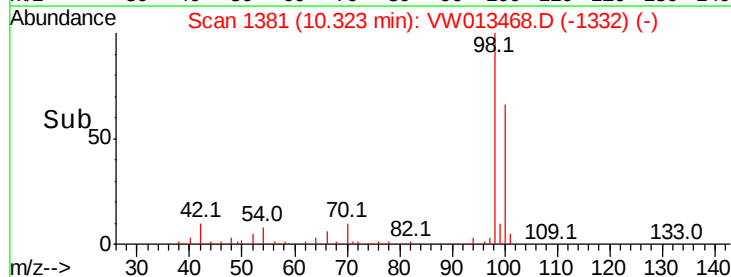
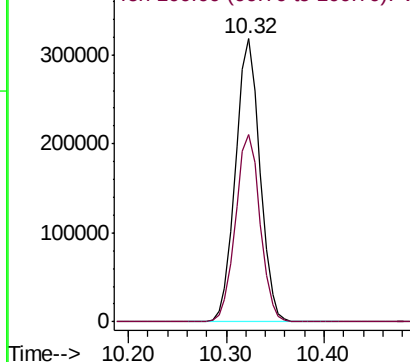
Ion Ratio Lower Upper

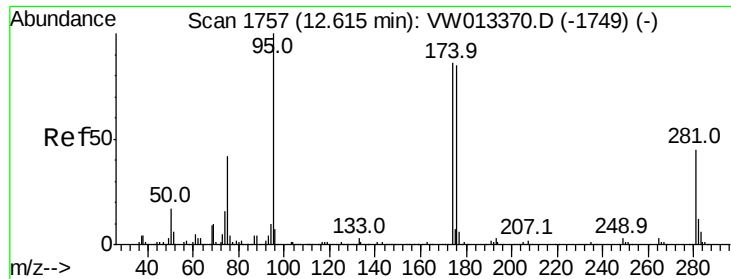
98 100

100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

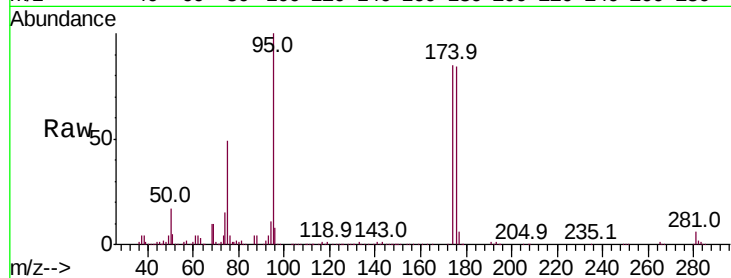




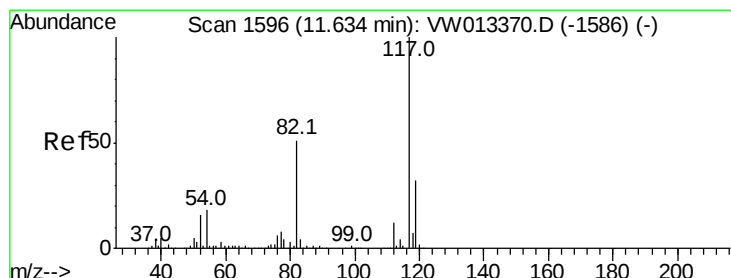
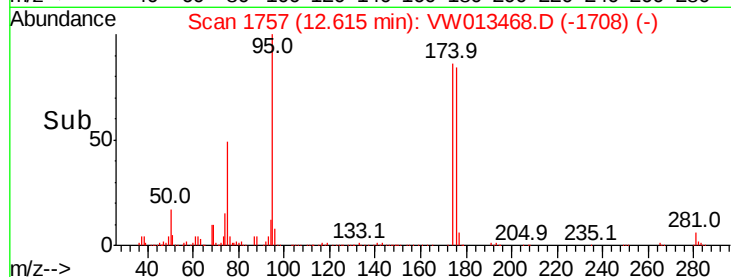
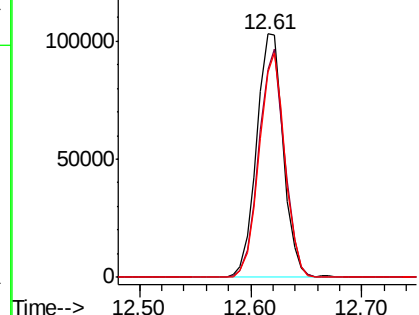
#62
4-Bromofluorobenzene
Concen: 48.995 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013468.D
Acq: 07 Oct 2019 17:20

Instrument :
MSVOA_W
ClientSampled :
CL-01-100419

Tot Ion: 95 Resp: 171617
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.4
176 88.7 0.0 172.2

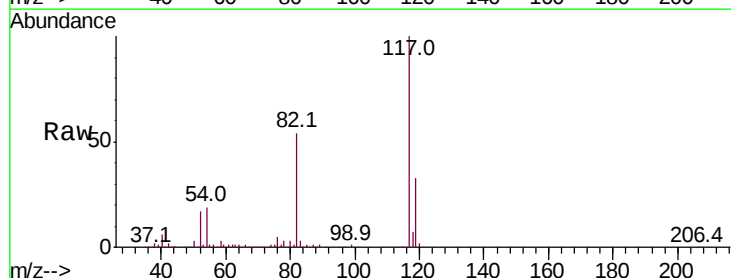


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

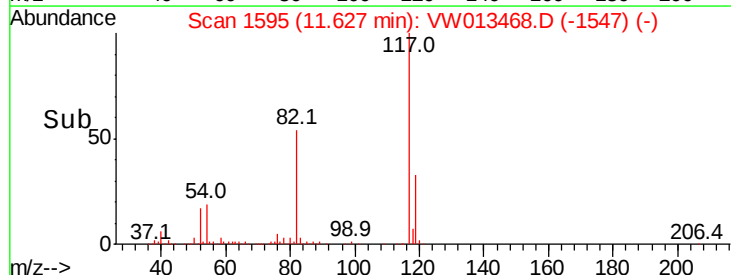
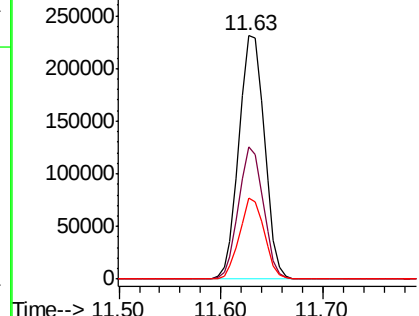


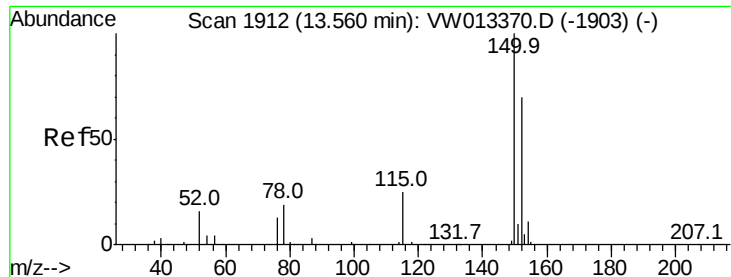
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013468.D
Acq: 07 Oct 2019 17:20

Tgt Ion: 117 Resp: 400908
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 33.4 26.2 39.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013468.D

Acq: 07 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

CL-01-100419

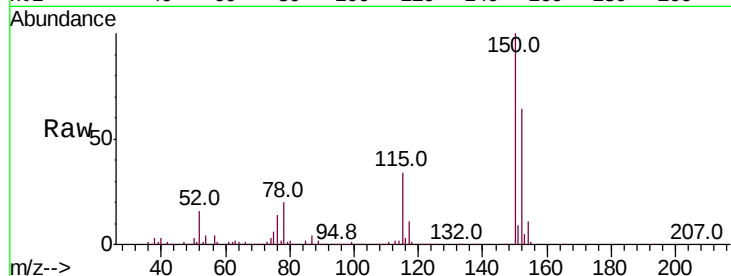
Tot Ion:152 Resp: 171975

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.9

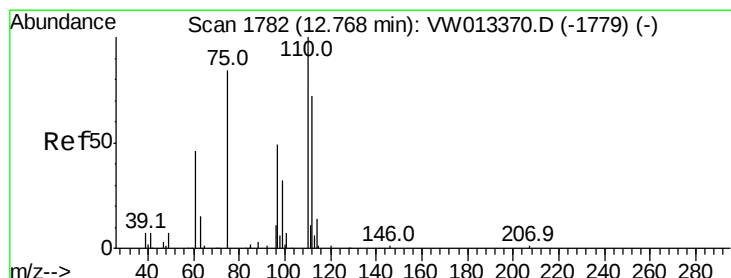
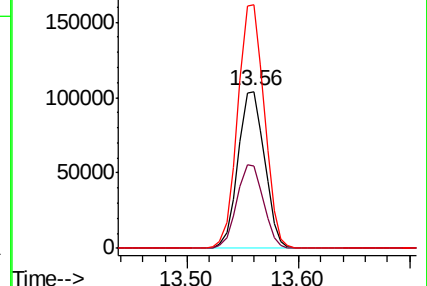
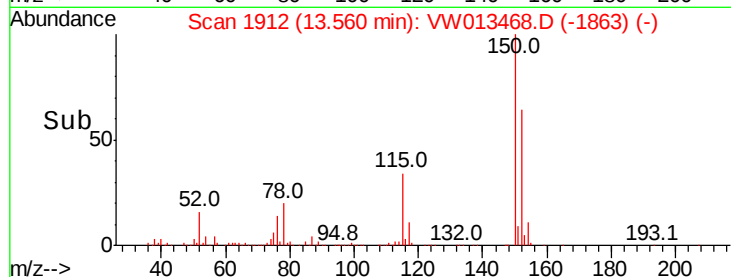
150 155.5 0.0 349.0



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: 52.043 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013468.D

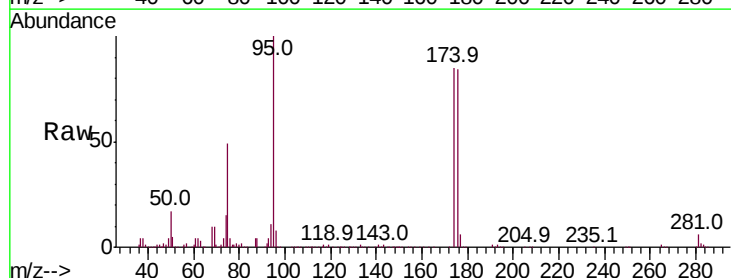
Acq: 07 Oct 2019 17:20

Tgt Ion: 75 Resp: 79545

Ion Ratio Lower Upper

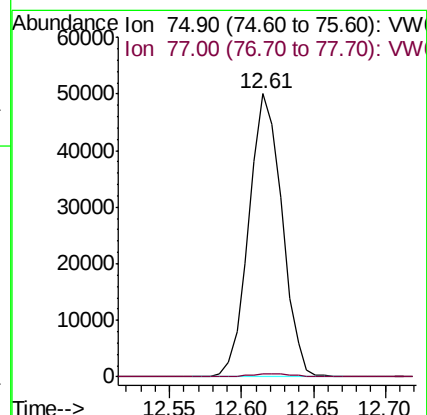
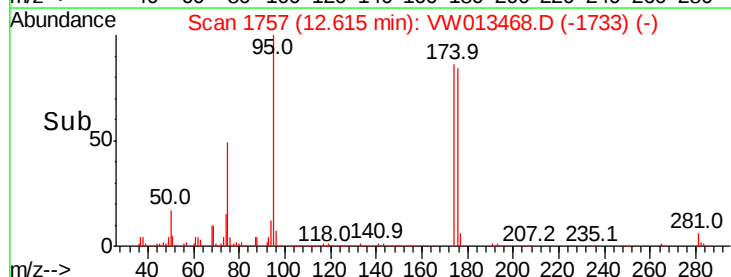
75 100

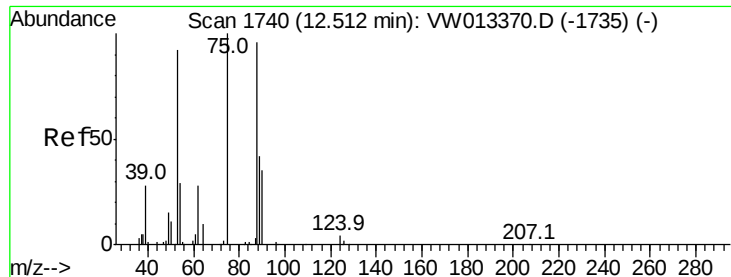
77 1.7 0.0 0.0#



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: 105.572 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013468.D

Acq: 07 Oct 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

CL-01-100419

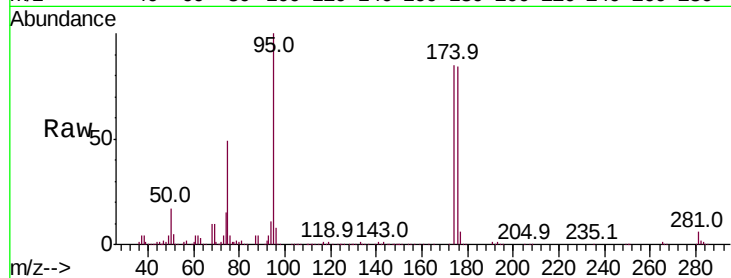
Tot Ion: 75 Resp: 79545

Ion Ratio Lower Upper

75 100

53 0.2 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

