

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012296.D
 Acq On : 29 Aug 2019 12:11
 Operator : SY/VA
 Sample : K4510-05
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-42-9.5-10.0

Quant Time: Aug 30 06:47:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

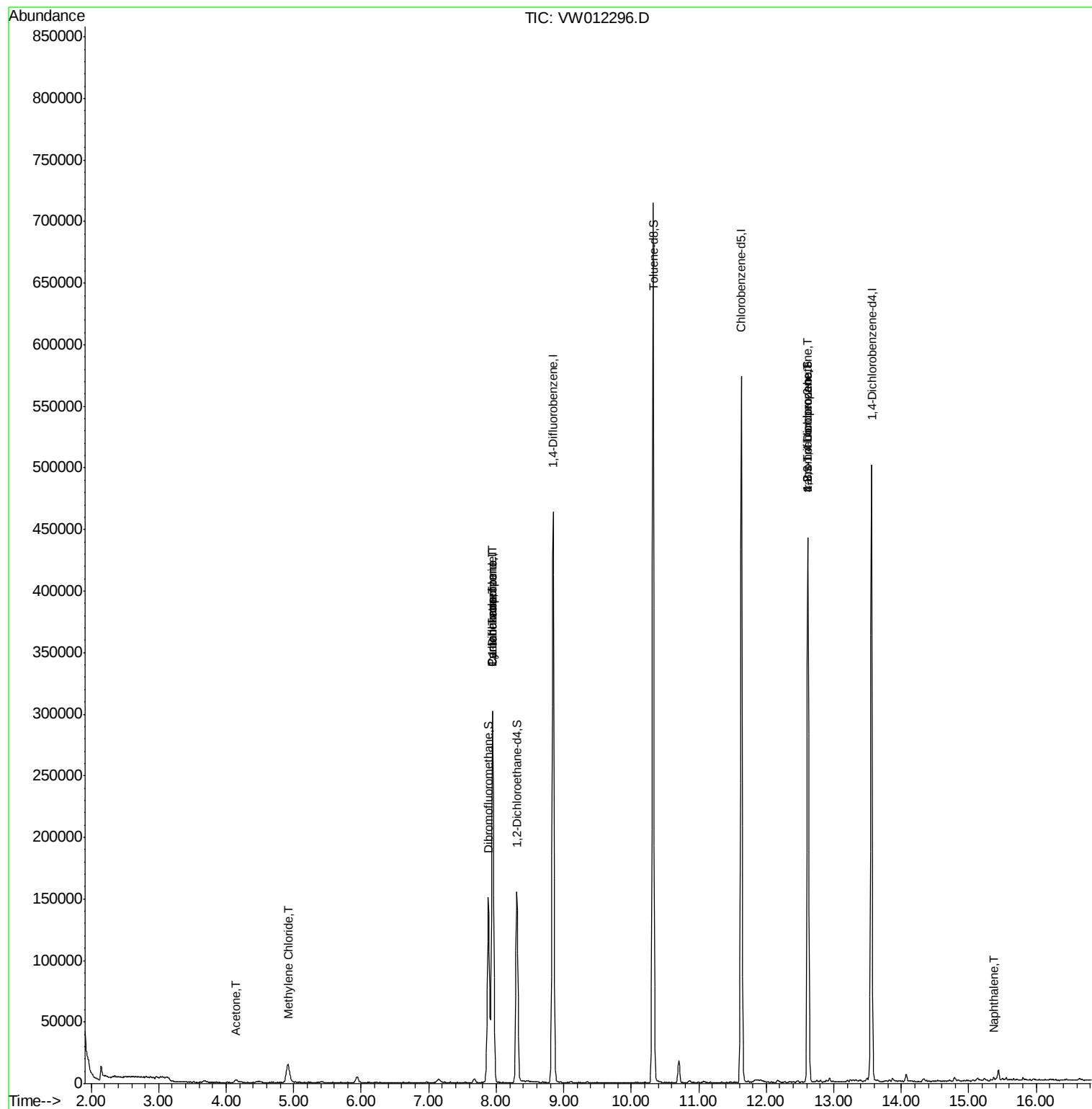
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121190	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
35) Dibromofluoromethane	7.88	113	106200	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.32	98	446168	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	145304	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	4840	7.147	ug/l	97
20) Methylene Chloride	4.92	84	11358	4.437	ug/l	95
31) Cyclohexane	7.95	56	5748	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19002	5.020	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21634	6.604	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	75569	60.678	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75569	133.040	ug/l #	6
95) Naphthalene	15.36	128	1565	4.618	ug/l	96

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

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ClientSampleId :
SB-42-9.5-10.0

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012296.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

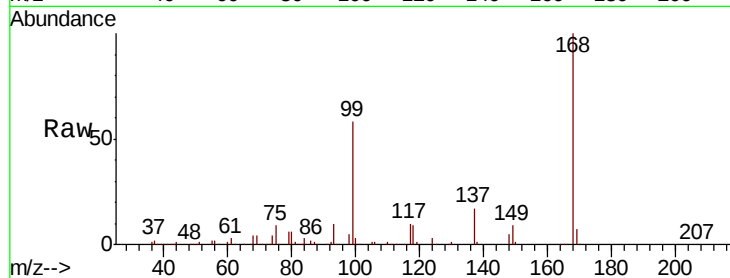
SB-42-9.5-10.0

Tgt Ion:168 Resp: 222855

Ion Ratio Lower Upper

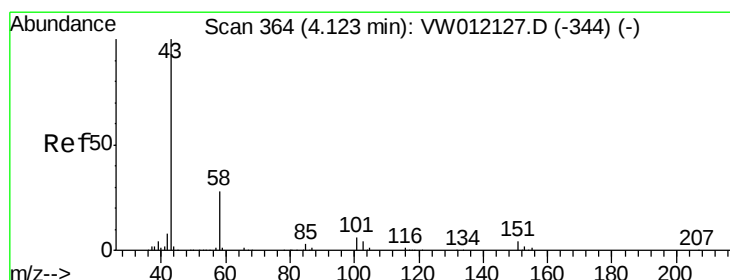
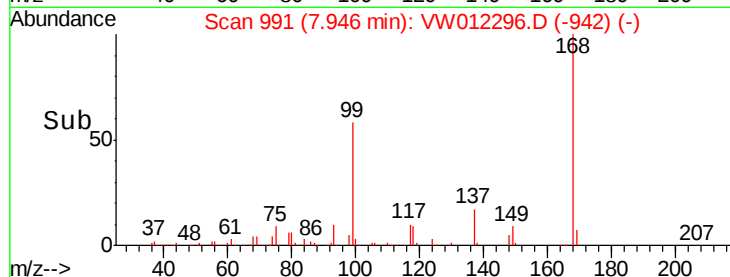
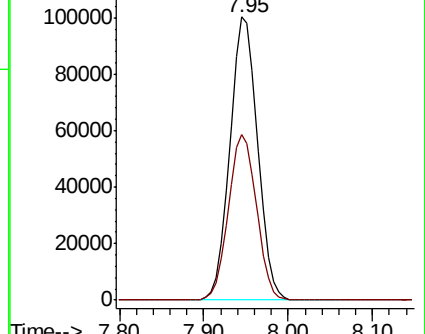
168 100

99 58.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.147 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012296.D

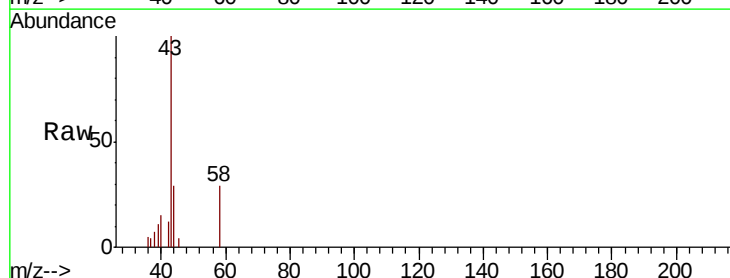
Acq: 29 Aug 2019 12:11

Tgt Ion: 43 Resp: 4840

Ion Ratio Lower Upper

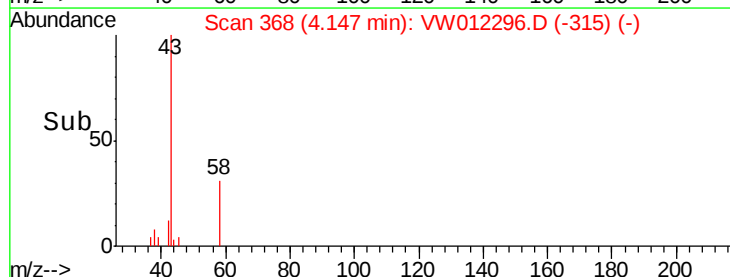
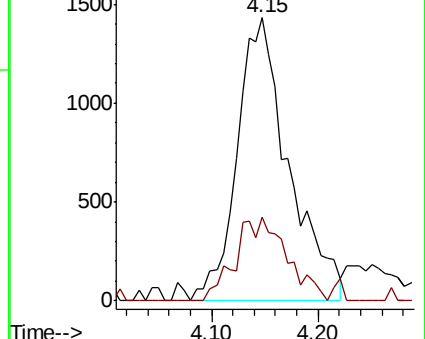
43 100

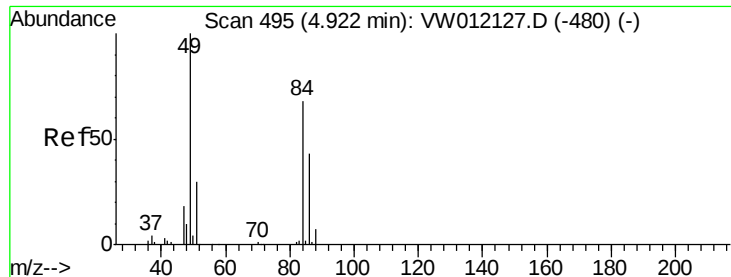
58 29.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

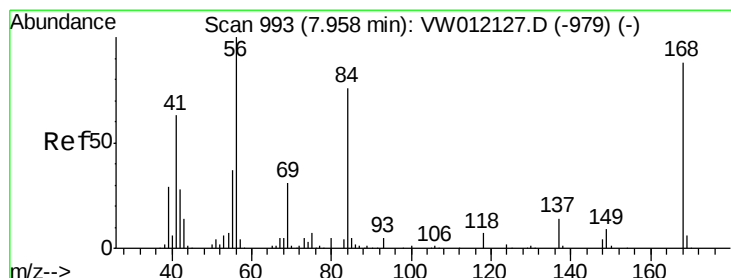
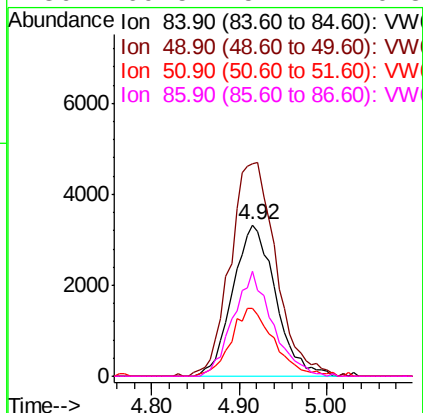
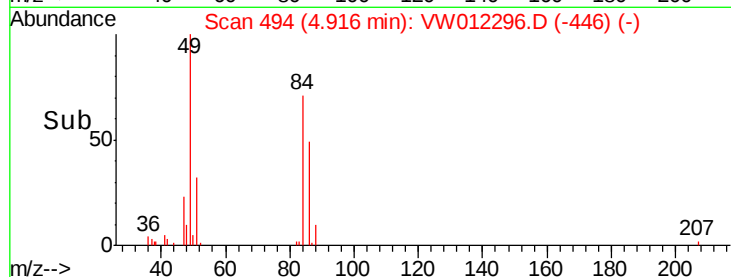
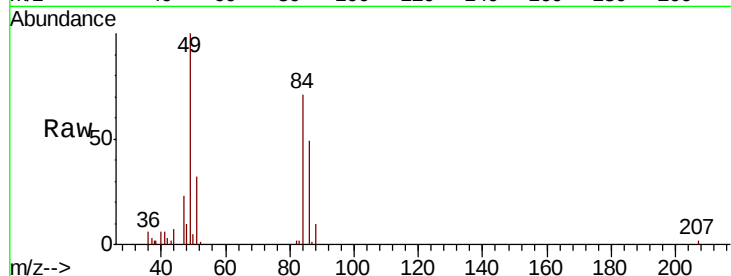




#20
Methylene Chloride
Concen: 4.437 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

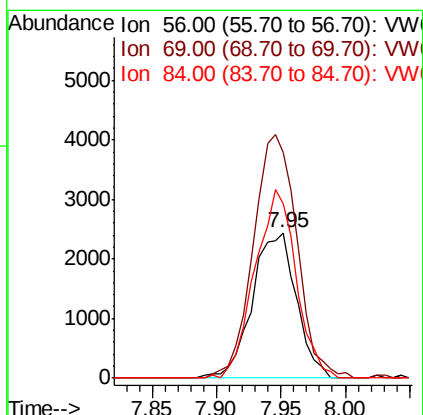
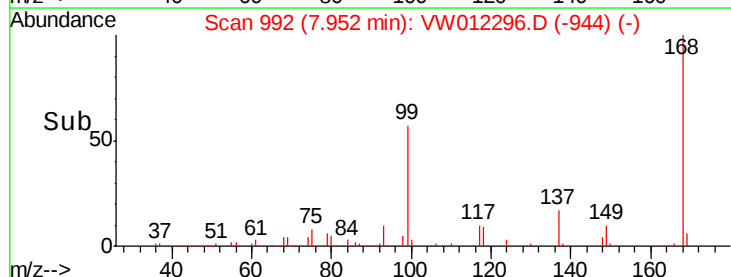
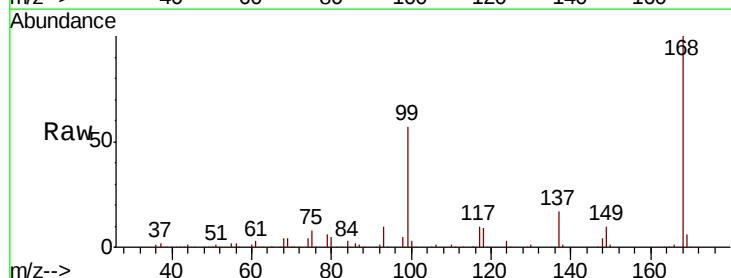
Instrument :
MSVOA_W
ClientSampled :
SB-42-9.5-10.0

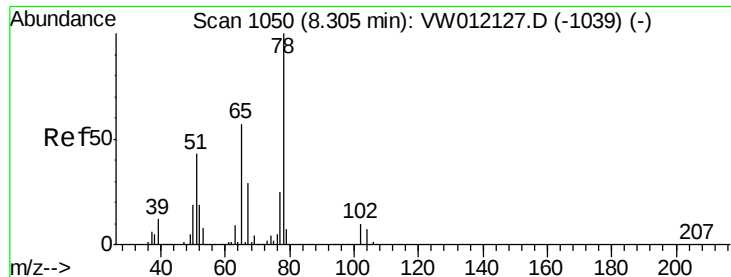
Tgt Ion:	84	Resp:	11358
Ion	Ratio	Lower	Upper
84	100		
49	140.5	117.8	176.8
51	45.2	35.6	53.4
86	69.5	51.2	76.8



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

Tgt Ion:	56	Resp:	5748
Ion	Ratio	Lower	Upper
56	100		
69	155.3	24.9	37.3#
84	119.8	60.6	90.8#

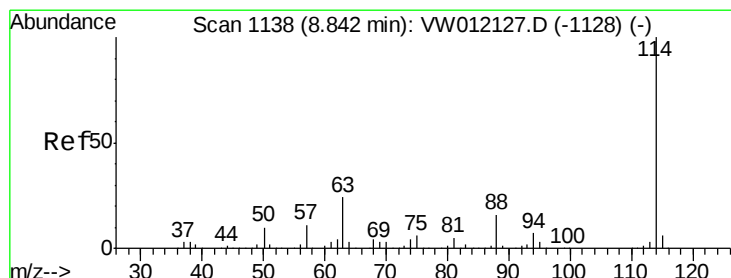
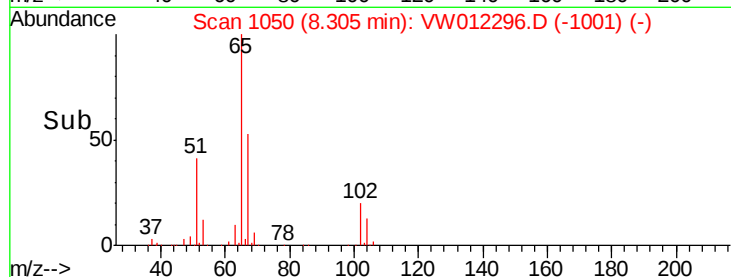
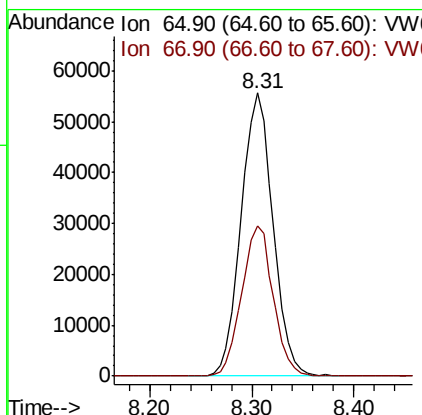
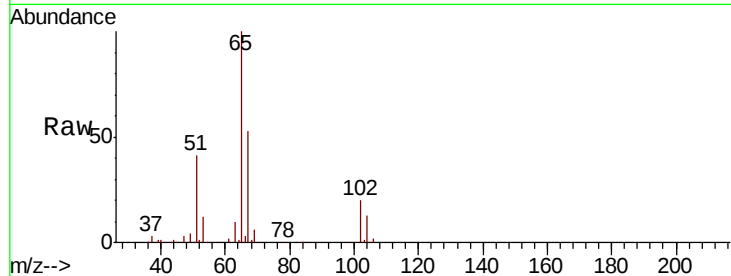




#33
 1,2-Dichloroethane-d4
 Concen: 45.746 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012296.D
 Acq: 29 Aug 2019 12:11

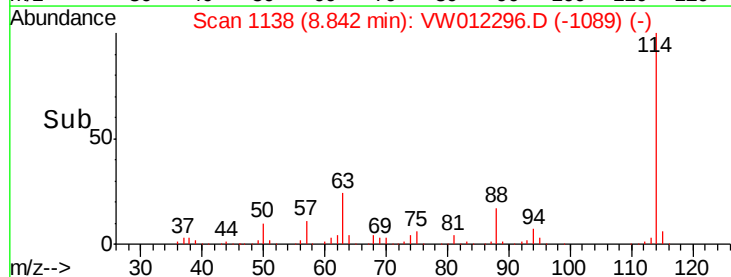
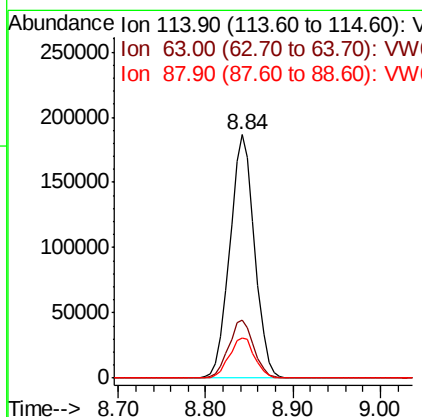
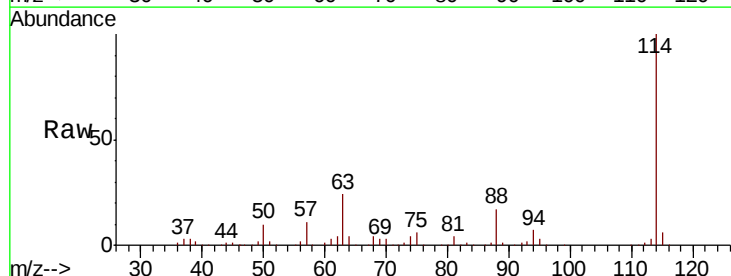
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-42-9.5-10.0

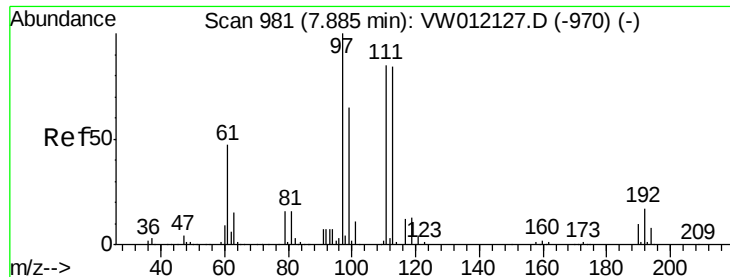
Tgt Ion: 65 Resp: 121190
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012296.D
 Acq: 29 Aug 2019 12:11

Tgt Ion: 114 Resp: 366266
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 16.7 0.0 32.2

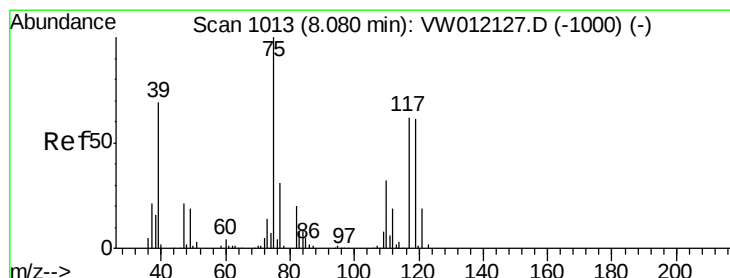
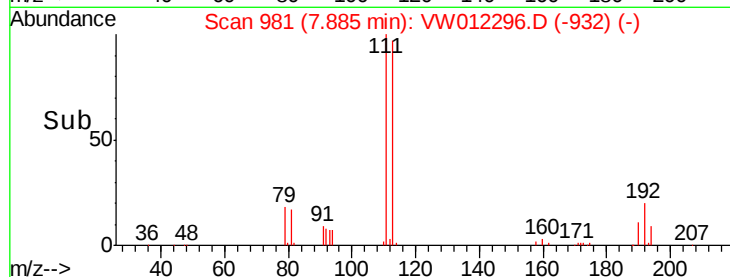
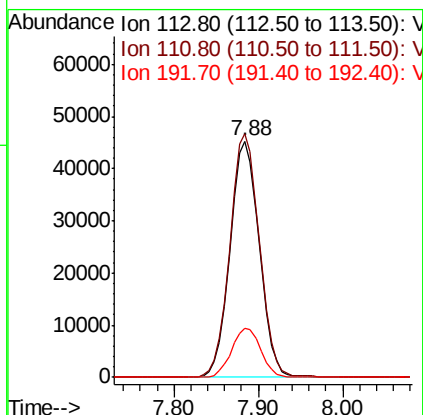
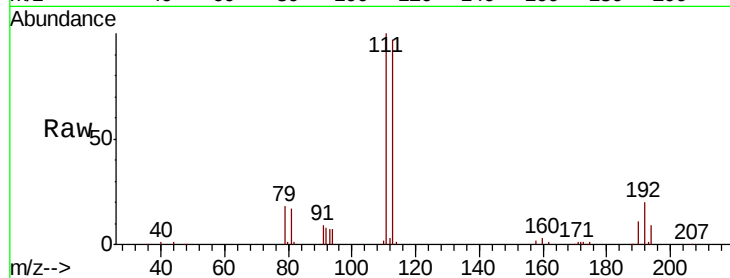




#35
 Dibromofluoromethane
 Concen: 48.576 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012296.D
 Acq: 29 Aug 2019 12:11

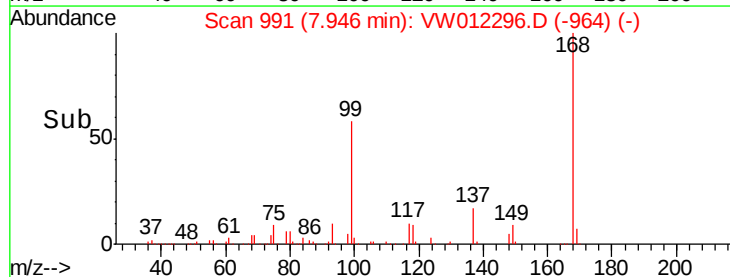
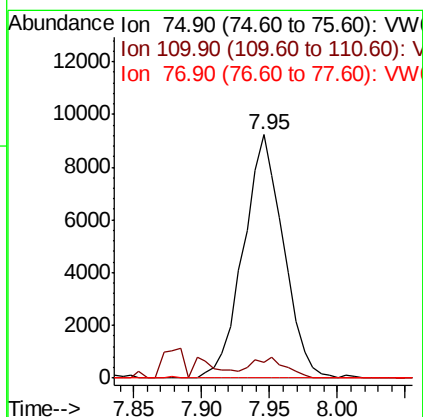
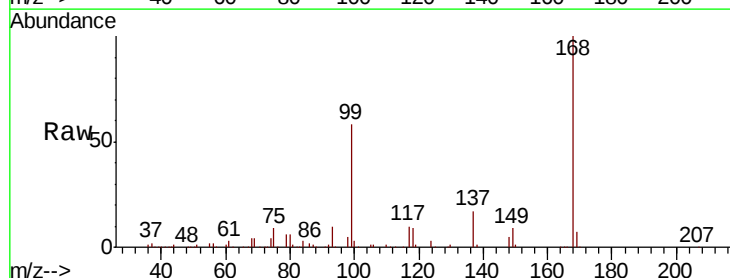
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-42-9.5-10.0

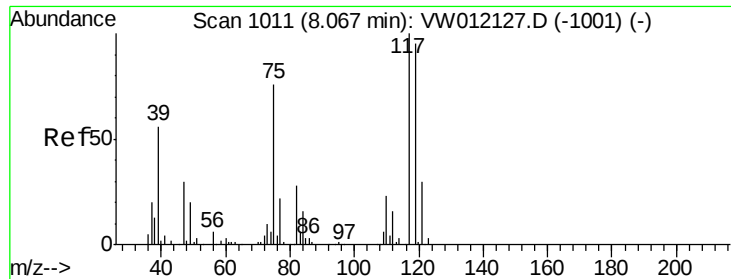
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	20.6	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.020 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012296.D
 Acq: 29 Aug 2019 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	15.6	46.8#
77	0.0	24.6	36.8#

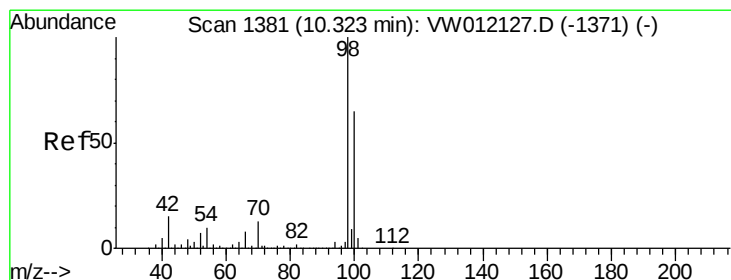
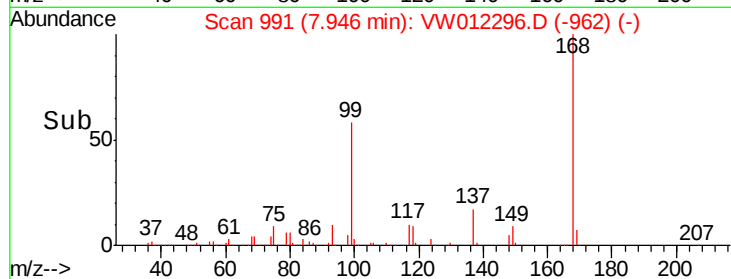
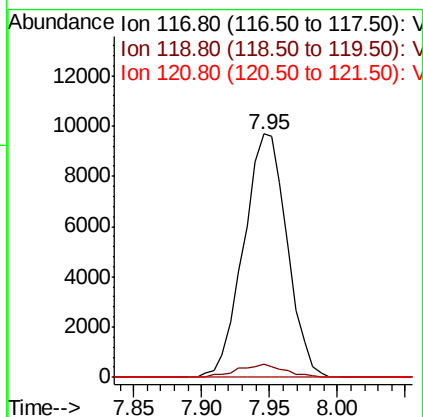
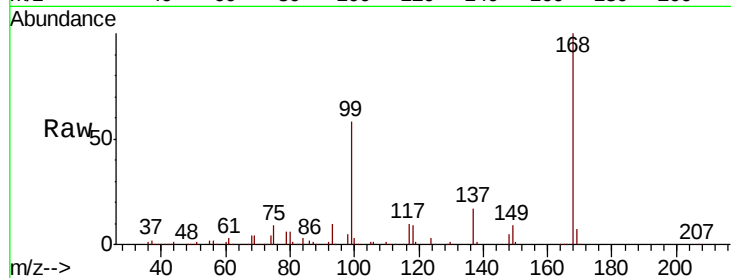




#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

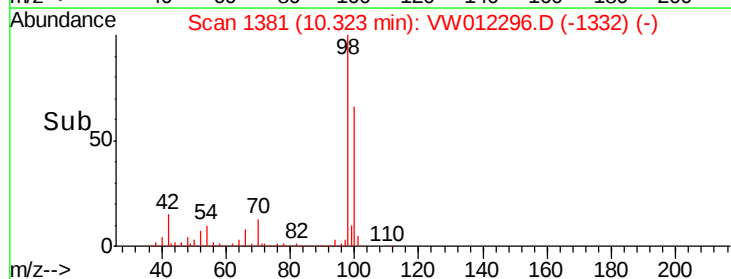
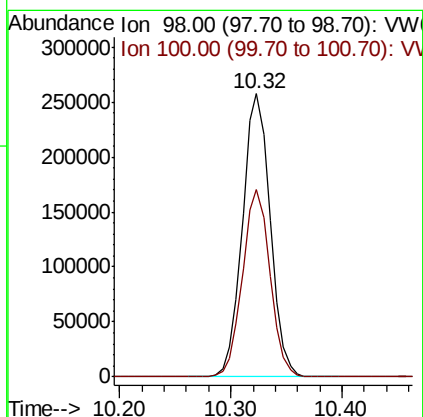
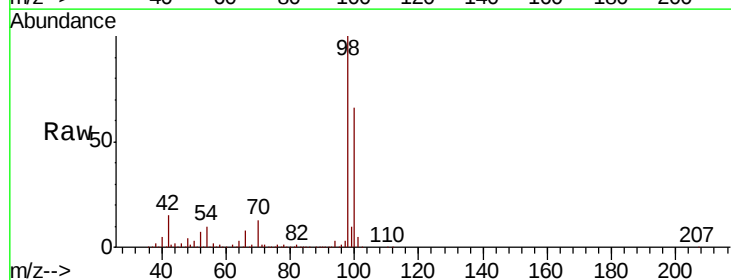
Instrument :
MSVOA_W
ClientSampleId :
SB-42-9.5-10.0

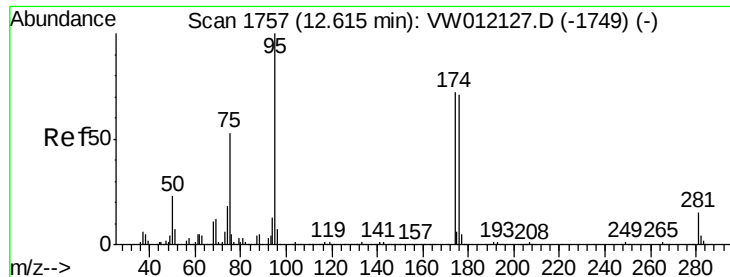
Tgt Ion:117 Resp: 21634
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.331 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

Tgt Ion: 98 Resp: 446168
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 46.501 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012296.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

SB-42-9.5-10.0

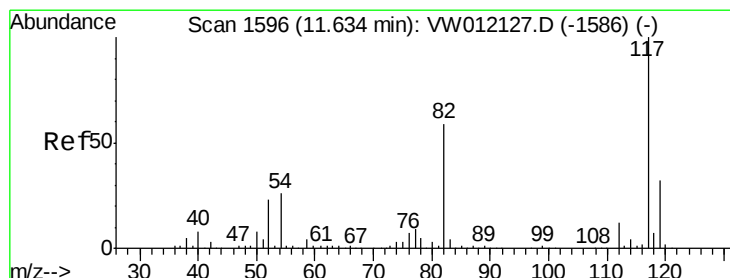
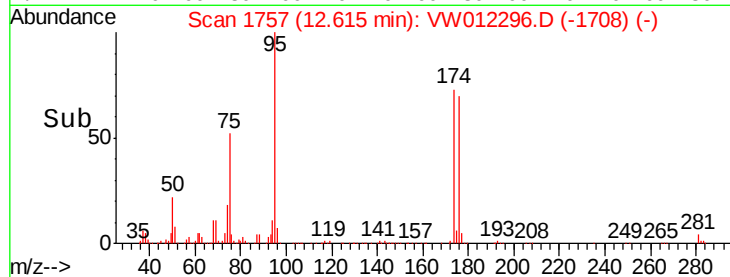
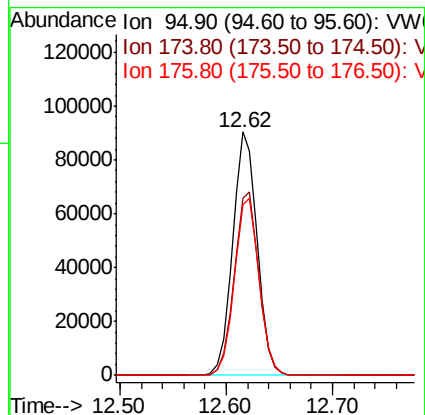
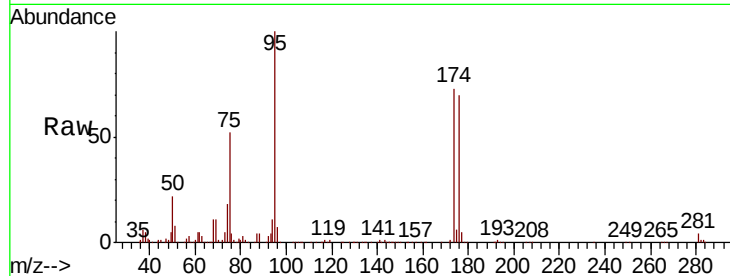
Tgt Ion: 95 Resp: 145304

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.8

176 73.6 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012296.D

Acq: 29 Aug 2019 12:11

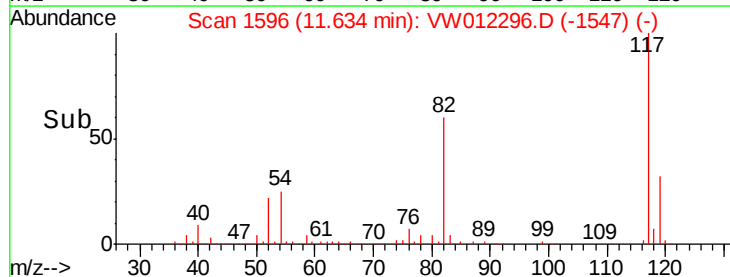
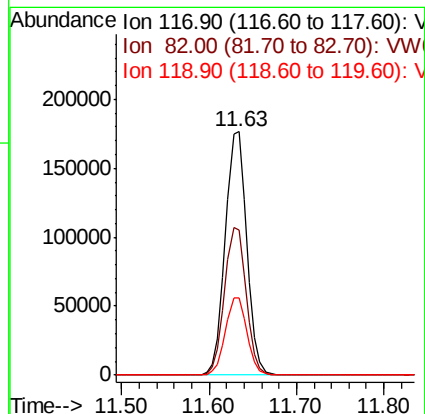
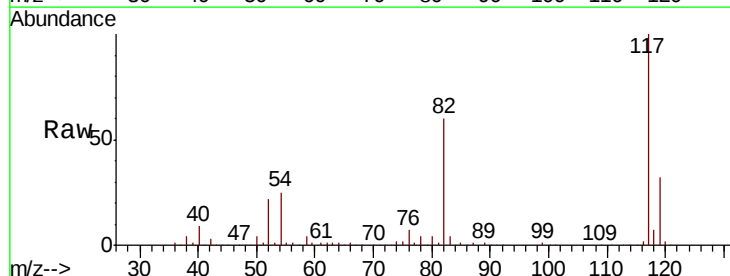
Tgt Ion: 117 Resp: 301634

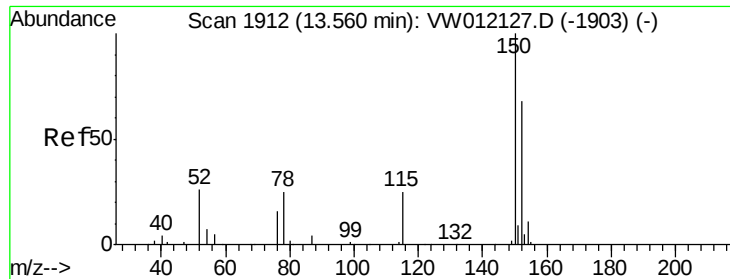
Ion Ratio Lower Upper

117 100

82 59.5 47.4 71.2

119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012296.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

SB-42-9.5-10.0

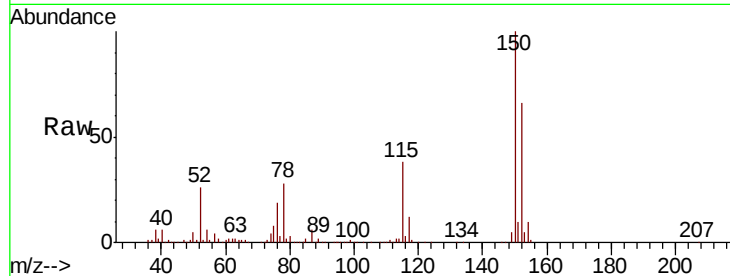
Tgt Ion:152 Resp: 127874

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

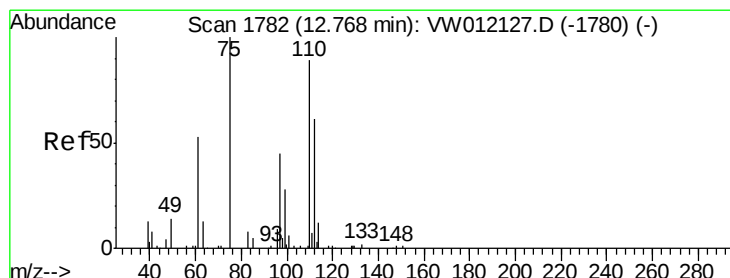
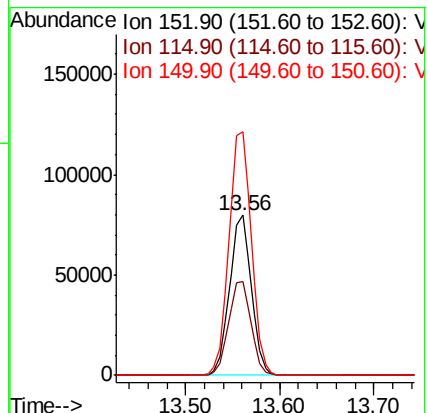
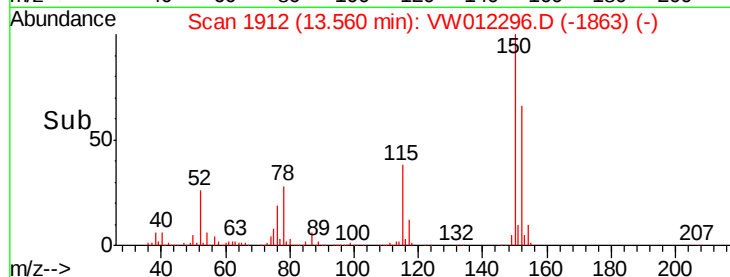
150 157.1 0.0 345.8



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: 60.678 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012296.D

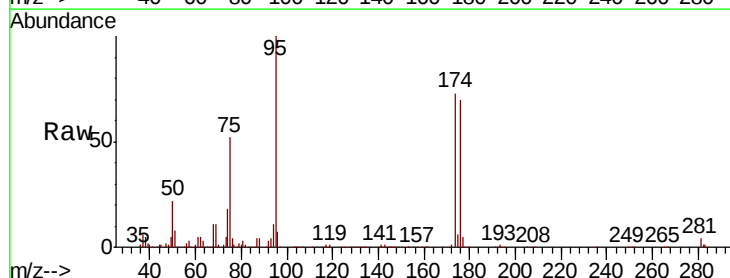
Acq: 29 Aug 2019 12:11

Tgt Ion: 75 Resp: 75569

Ion Ratio Lower Upper

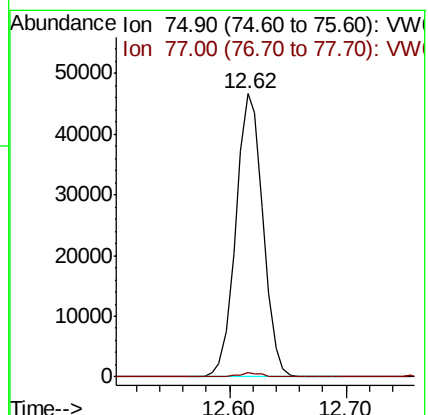
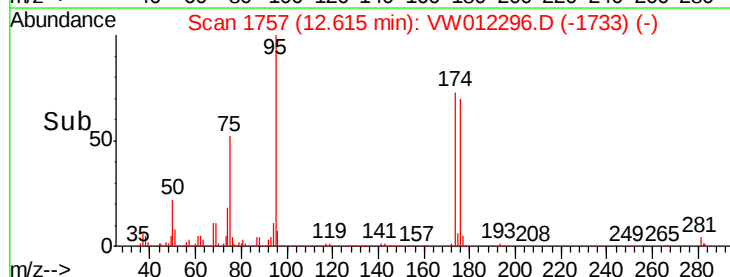
75 100

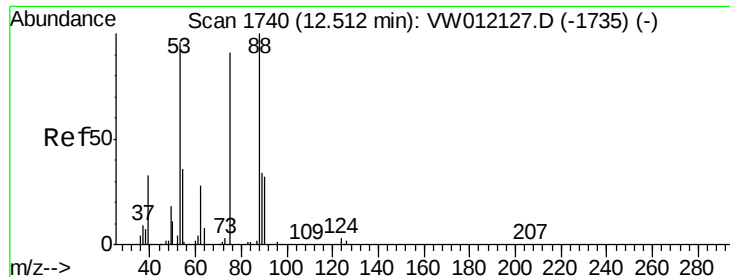
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

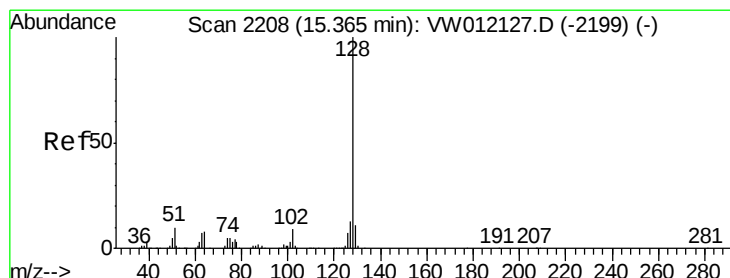
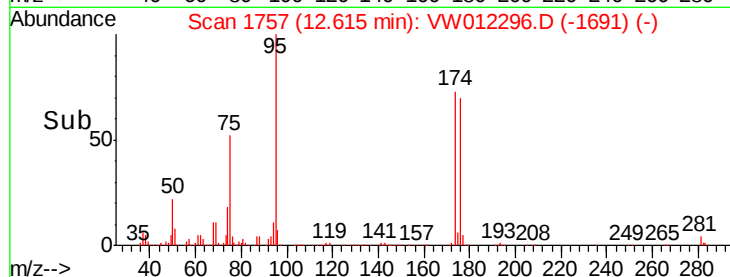
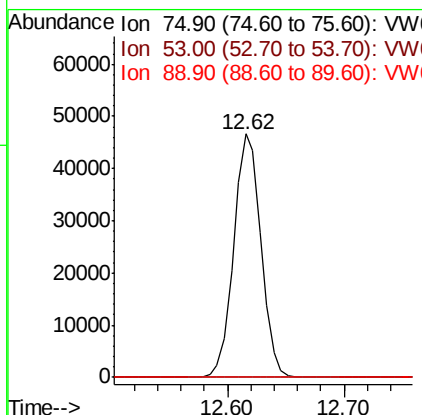
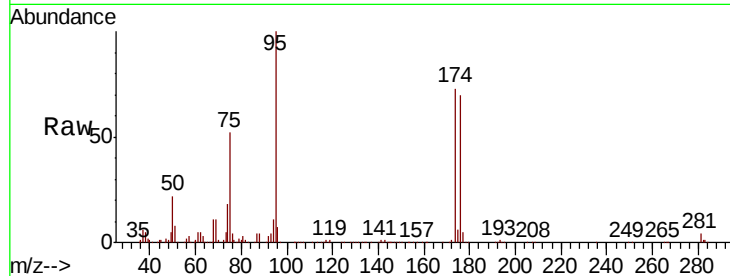




#81
trans-1,4-Dichloro-2-butene
Concen: 133.040 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

Instrument :
MSVOA_W
ClientSampleId :
SB-42-9.5-10.0

Tgt Ion: 75 Resp: 75569
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.618 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012296.D
Acq: 29 Aug 2019 12:11

Tgt Ion: 128 Resp: 1565
Ion Ratio Lower Upper
128 100
127 12.4 10.7 16.1
129 8.9 8.7 13.1

