

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012465.D
 Acq On : 01 Sep 2019 23:49
 Operator : SY/VA
 Sample : VW0901SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL02

Quant Time: Sep 02 07:23:07 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	217556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133161	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	142564	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	
35) Dibromofluoromethane	7.88	113	110797	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
50) Toluene-d8	10.32	98	463085	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	156855	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	

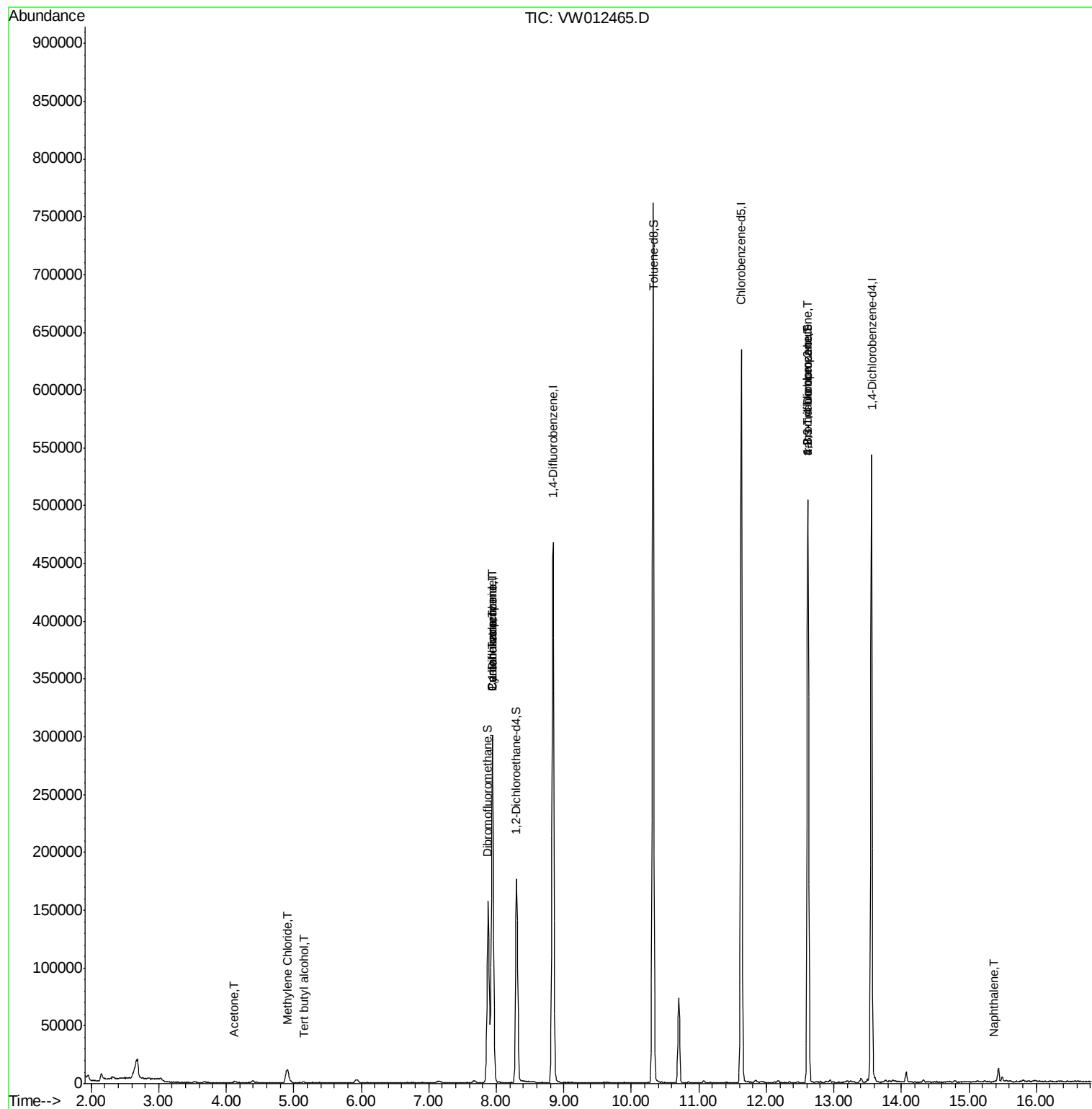
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	269	1.728	ug/l #	71
16) Acetone	4.12	43	2291	3.465	ug/l	90
20) Methylene Chloride	4.90	84	8067	3.228	ug/l	95
31) Cyclohexane	7.94	56	5424	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18770	5.006	ug/l #	52
38) Carbon Tetrachloride	7.94	117	21964	6.768	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	86031	66.336	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86031	145.445	ug/l #	6
95) Naphthalene	15.38	128	420	4.397	ug/l #	69

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

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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: VW012465.D

Acq: 01 Sep 2019 23:49

Instrument :

MSVOA_W

ClientSampled :

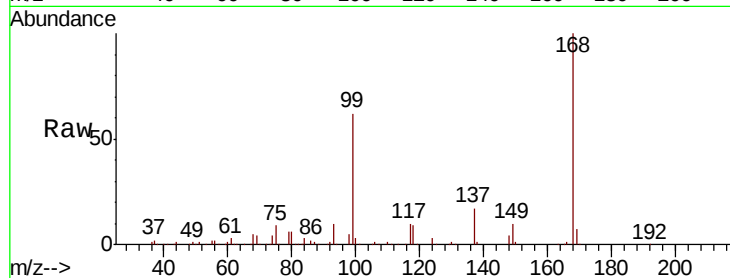
VW0901SBL02

Tgt Ion: 168 Resp: 217556

Ion Ratio Lower Upper

168 100

99 62.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

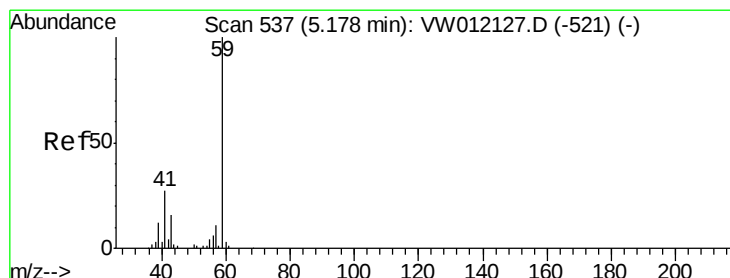
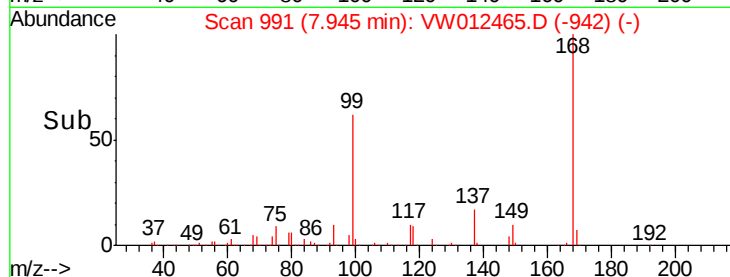
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.728 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW012465.D

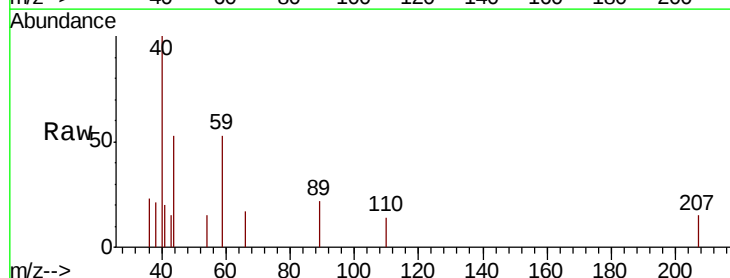
Acq: 01 Sep 2019 23:49

Tgt Ion: 59 Resp: 269

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

250

200

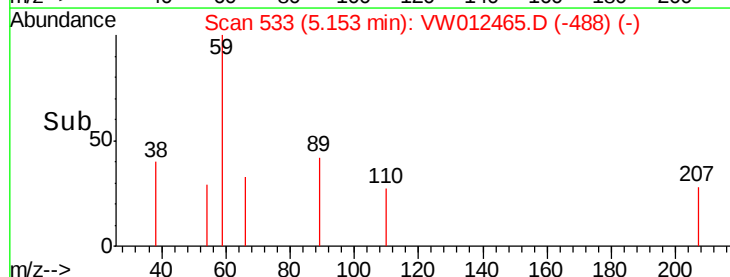
150

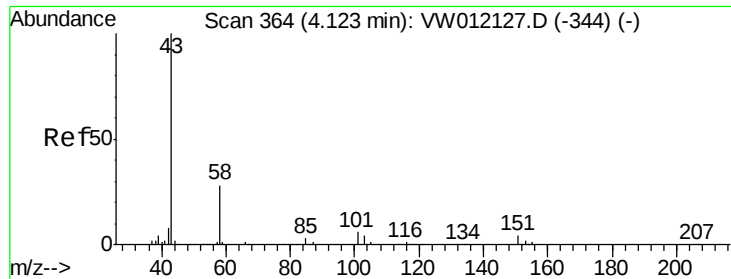
100

50

0

Time-->

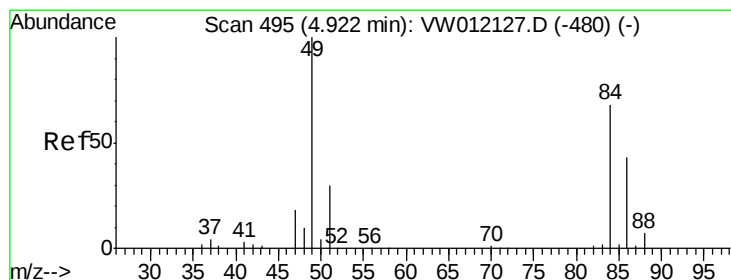
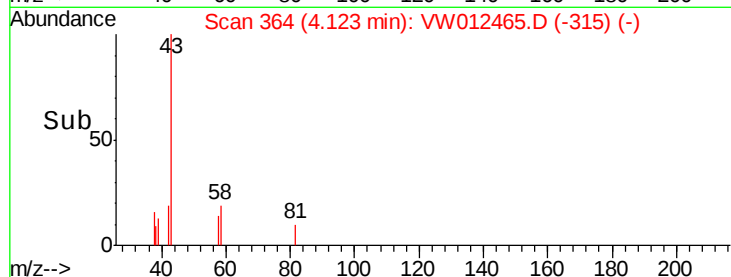
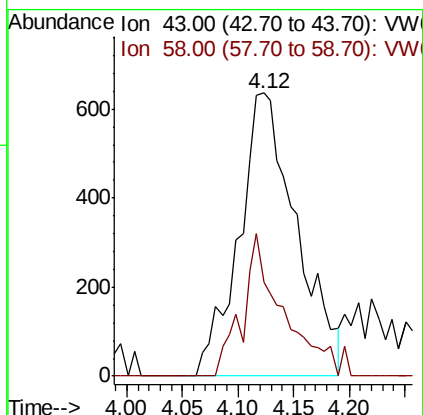
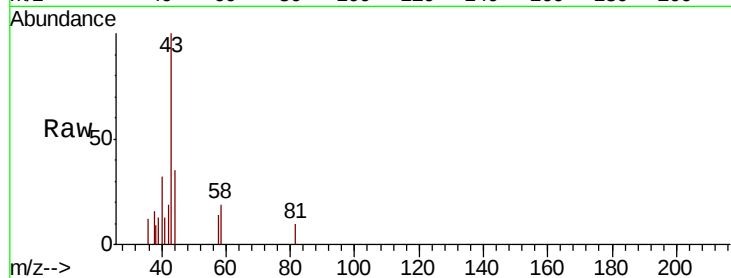




#16
Acetone
Concen: 3.465 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW012465.D
Acq: 01 Sep 2019 23:49

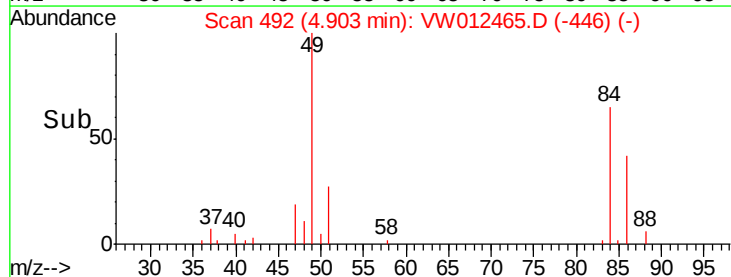
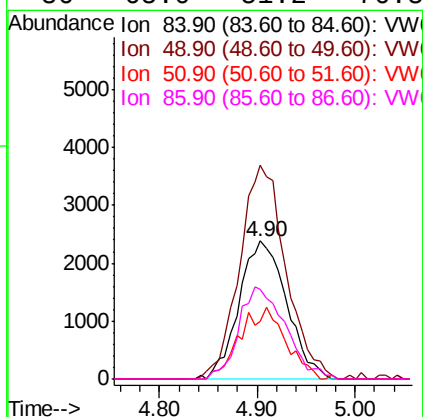
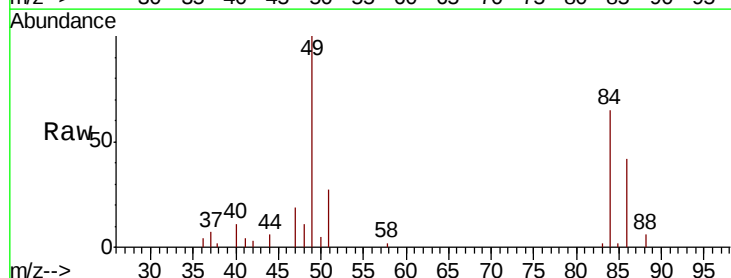
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBL02

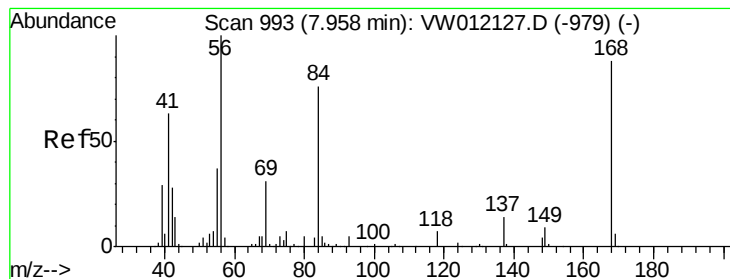
Tgt Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
58 33.2 22.4 33.6



#20
Methylene Chloride
Concen: 3.228 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012465.D
Acq: 01 Sep 2019 23:49

Tgt Ion: 84 Resp: 8067
Ion Ratio Lower Upper
84 100
49 154.7 117.8 176.8
51 41.4 35.6 53.4
86 65.0 51.2 76.8





#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012465.D

Acq: 01 Sep 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL02

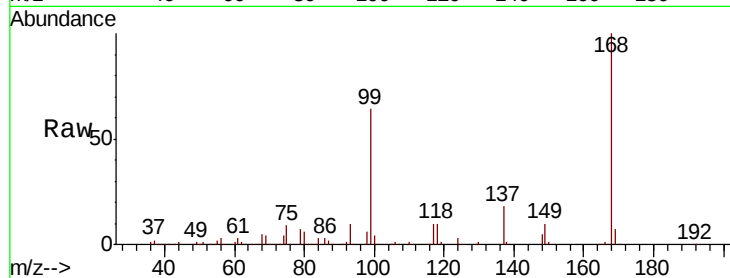
Tgt Ion: 56 Resp: 5424

Ion Ratio Lower Upper

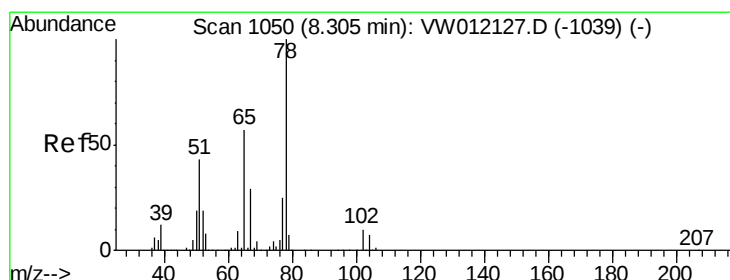
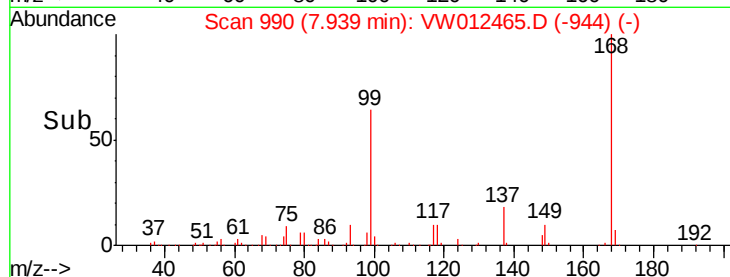
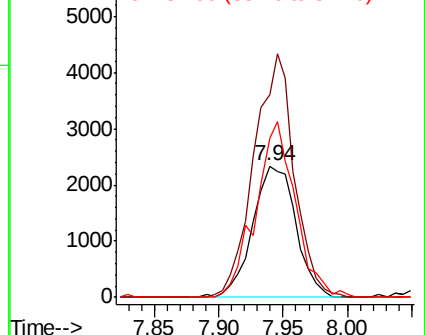
56 100

69 154.8 24.9 37.3#

84 121.0 60.6 90.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.125 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012465.D

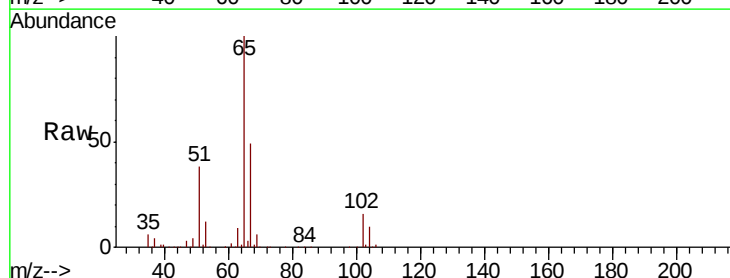
Acq: 01 Sep 2019 23:49

Tgt Ion: 65 Resp: 142564

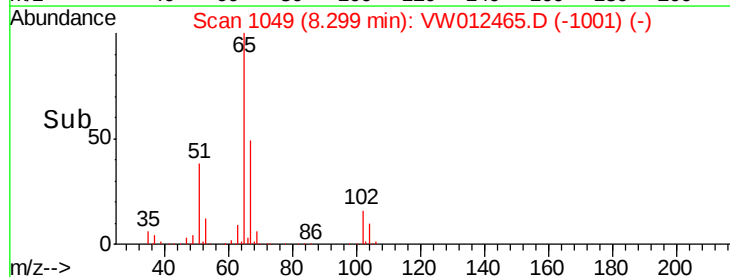
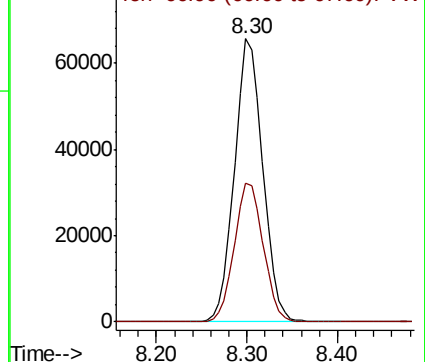
Ion Ratio Lower Upper

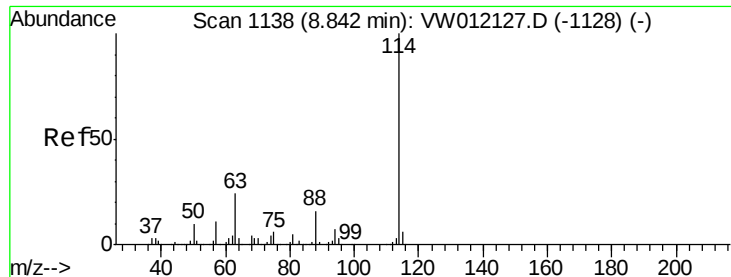
65 100

67 50.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

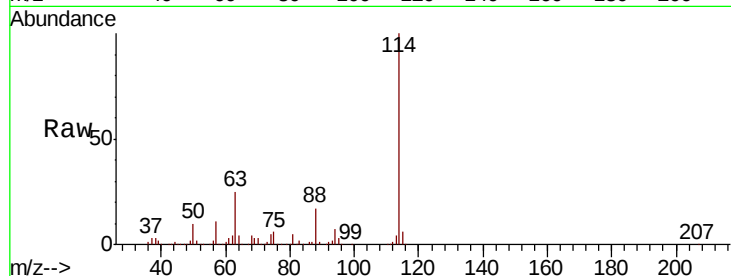




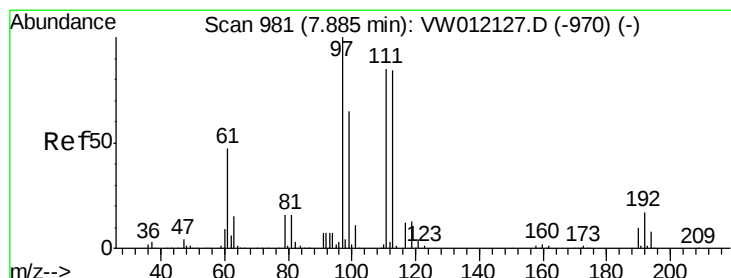
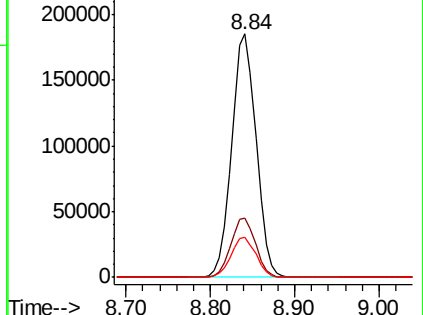
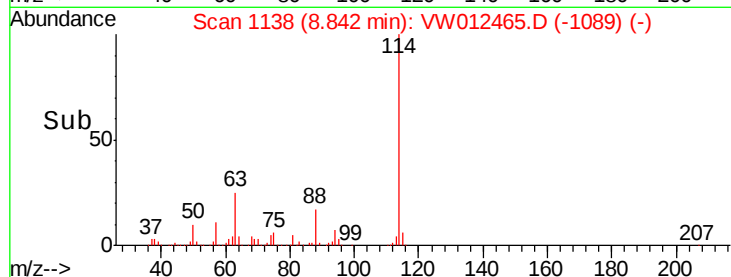
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012465.D
 Acq: 01 Sep 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBL02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.6
88	16.7	0.0	32.2

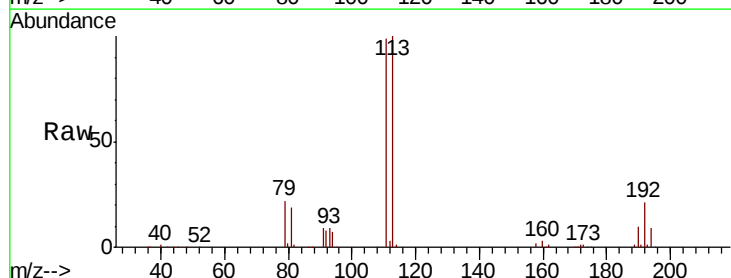


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

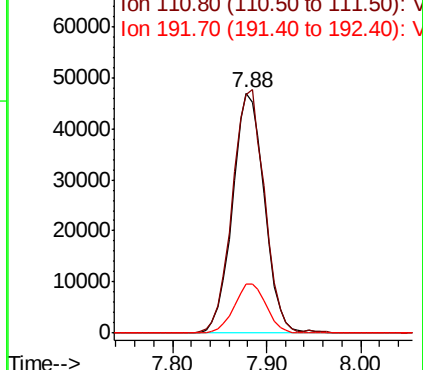
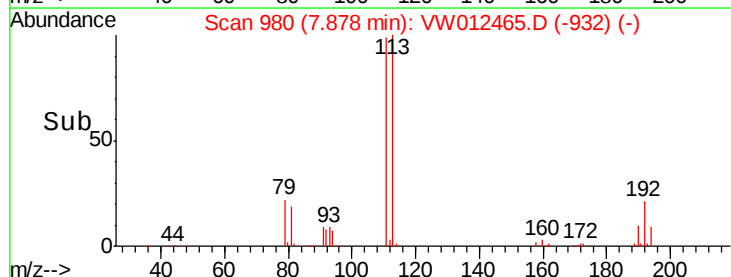


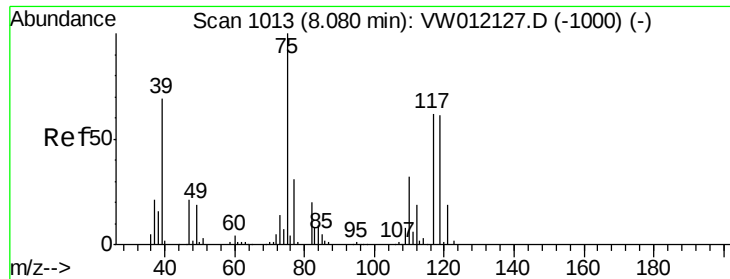
#35
 Dibromofluoromethane
 Concen: 51.161 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012465.D
 Acq: 01 Sep 2019 23:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	20.8	16.2	24.2



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

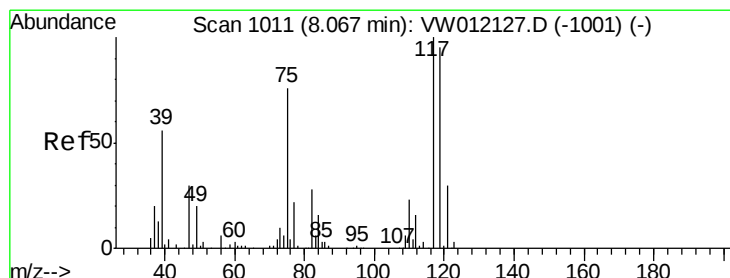
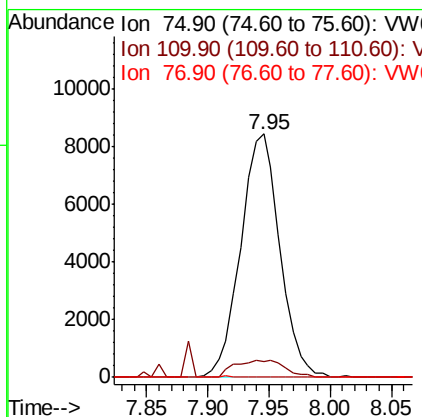
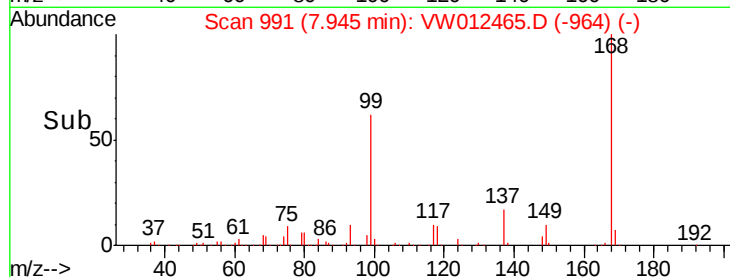
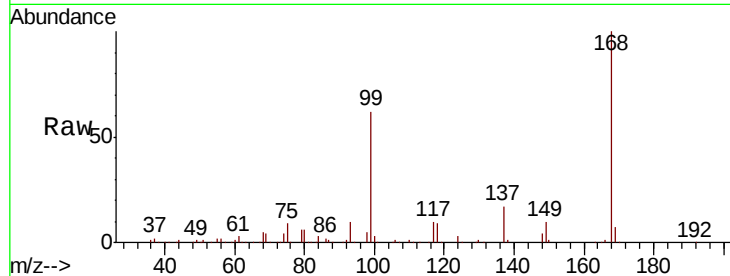




#36
 1,1-Dichloropropene
 Concen: 5.006 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012465.D
 Acq: 01 Sep 2019 23:49

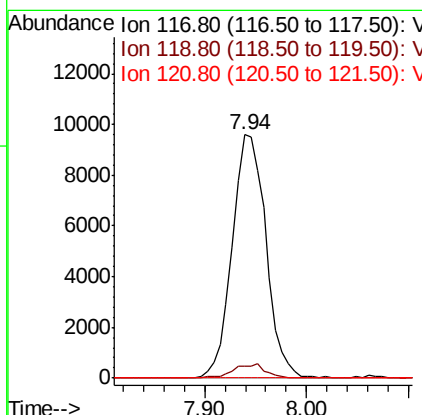
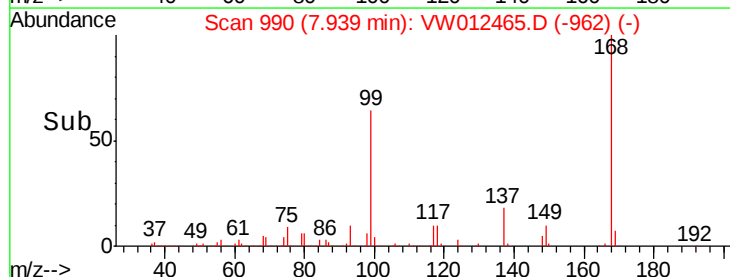
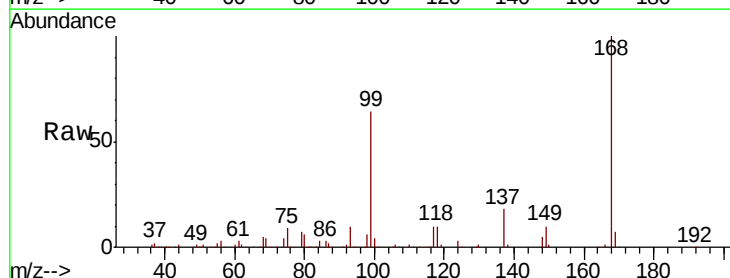
Instrument :
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 VW0901SBL02

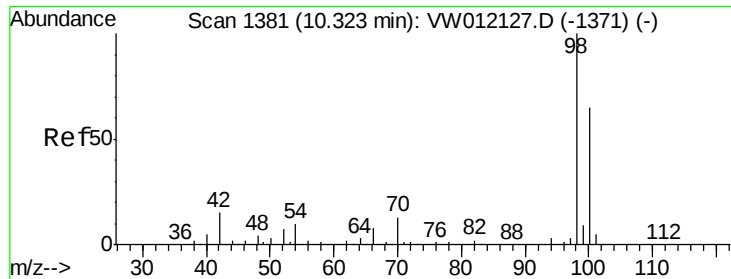
Tgt Ion: 75 Resp: 18770
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.768 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012465.D
 Acq: 01 Sep 2019 23:49

Tgt Ion: 117 Resp: 21964
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.2 114.2#
 121 0.0 23.8 35.8#

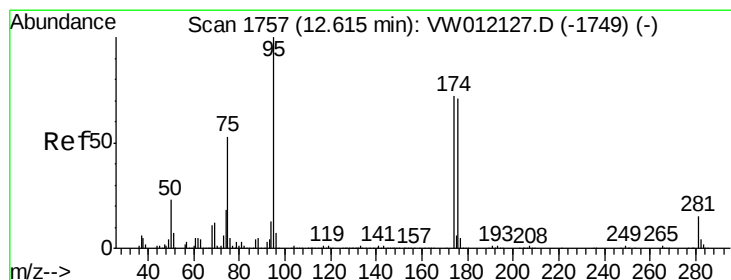
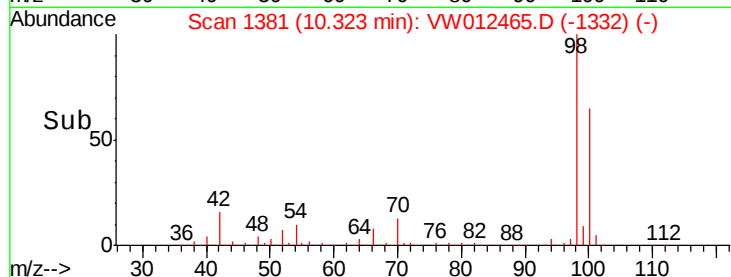
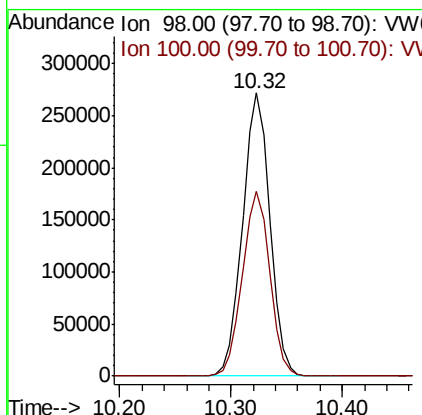
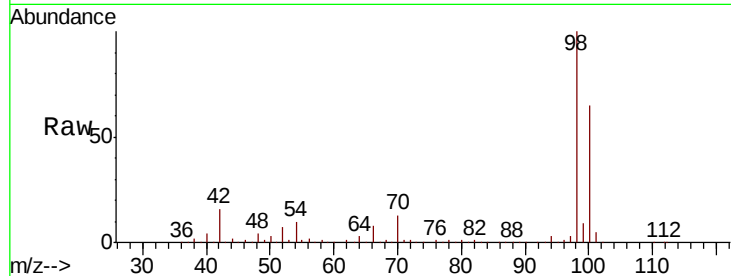




#50
Toluene-d8
Concen: 52.737 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012465.D
Acq: 01 Sep 2019 23:49

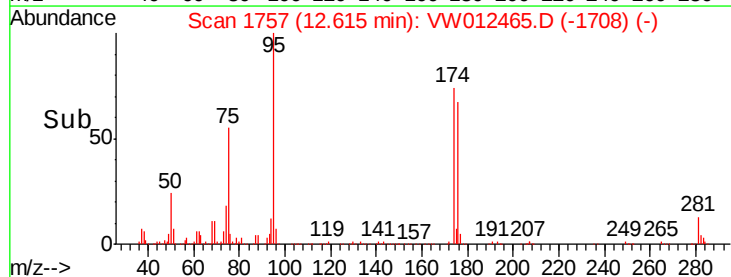
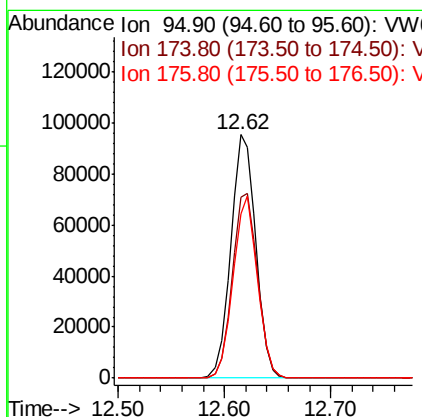
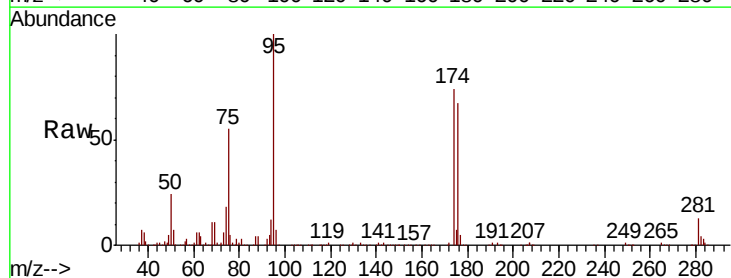
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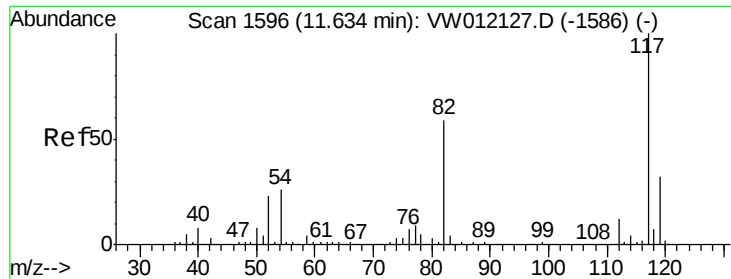
Tgt Ion: 98 Resp: 463085
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.675 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012465.D
Acq: 01 Sep 2019 23:49

Tgt Ion: 95 Resp: 156855
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.8
176 72.8 0.0 148.6

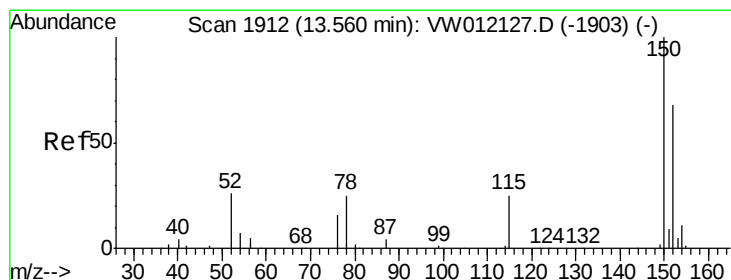
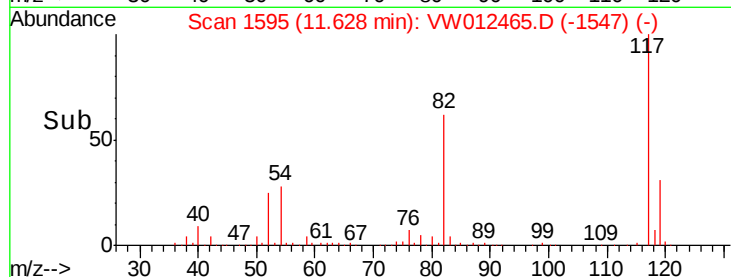
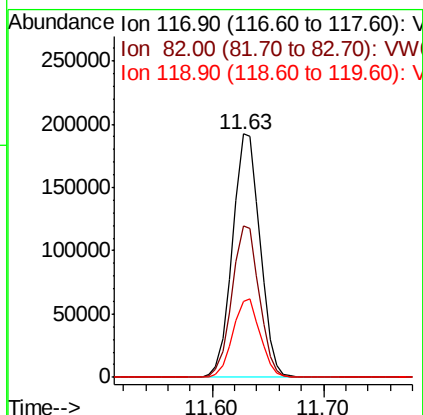
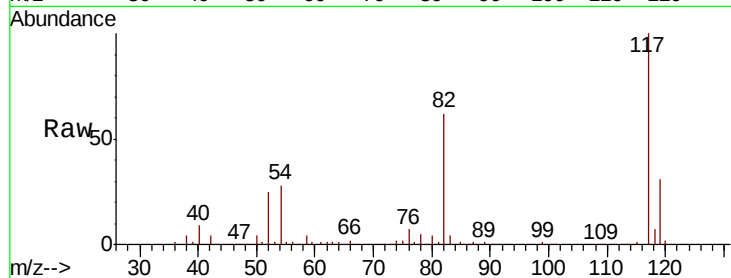




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012465.D
Acq: 01 Sep 2019 23:49

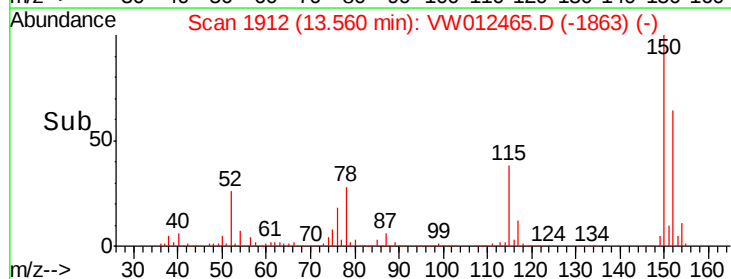
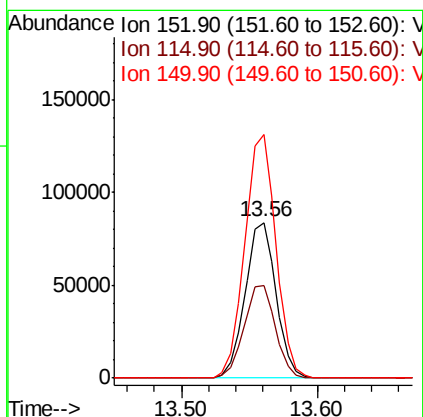
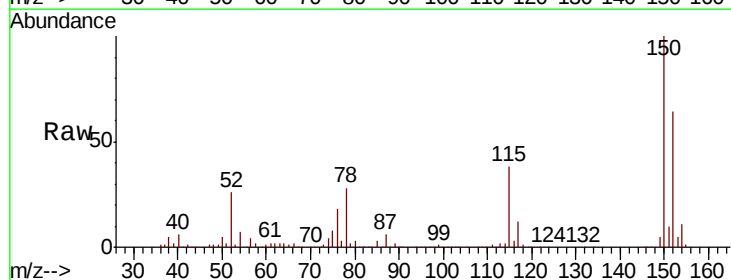
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VW0901SBL02

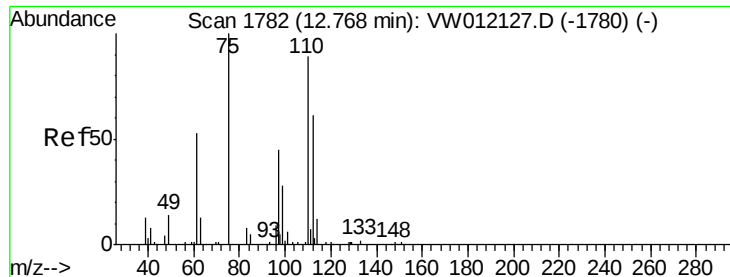
Tgt Ion:117 Resp: 329146
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012465.D
Acq: 01 Sep 2019 23:49

Tgt Ion:152 Resp: 133161
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 158.3 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 66.336 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012465.D

Acq: 01 Sep 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

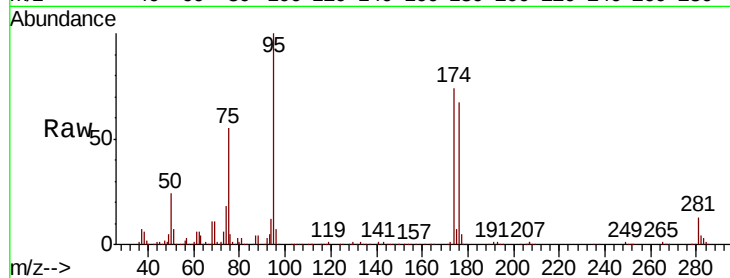
VW0901SBL02

Tgt Ion: 75 Resp: 86031

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

60000

50000

40000

30000

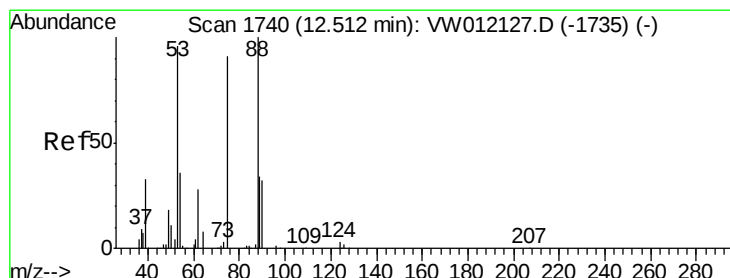
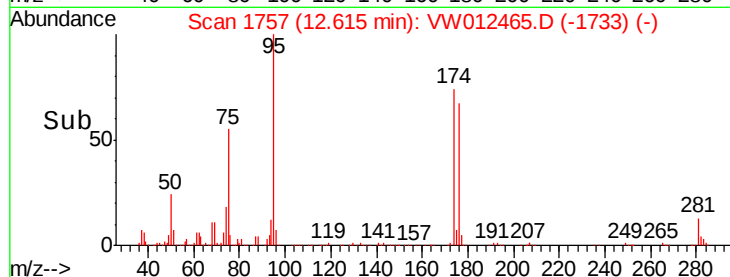
20000

10000

0

Time-->

12.60 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 145.445 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012465.D

Acq: 01 Sep 2019 23:49

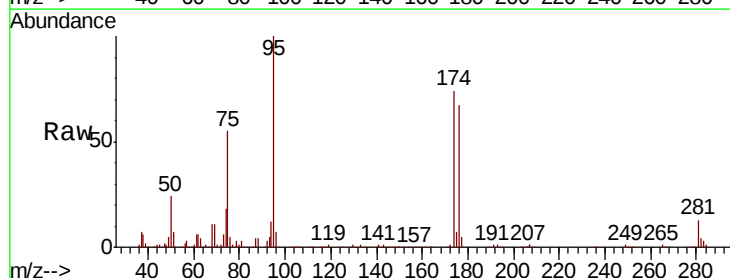
Tgt Ion: 75 Resp: 86031

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

89 0.2 34.5 51.7#



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

60000

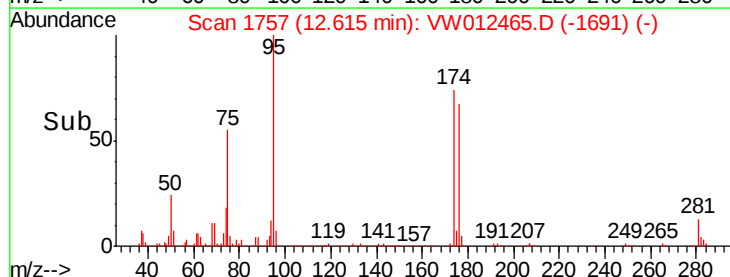
40000

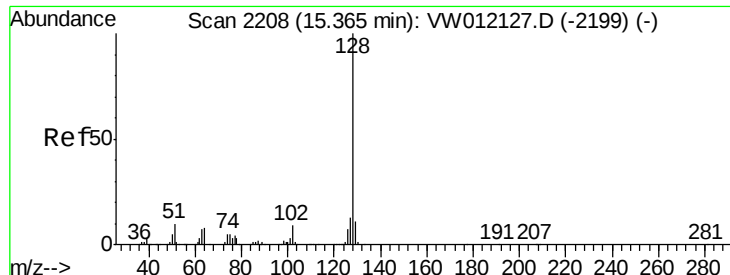
20000

0

Time-->

12.60 12.70





#95

Naphthalene

Concen: 4.397 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012465.D

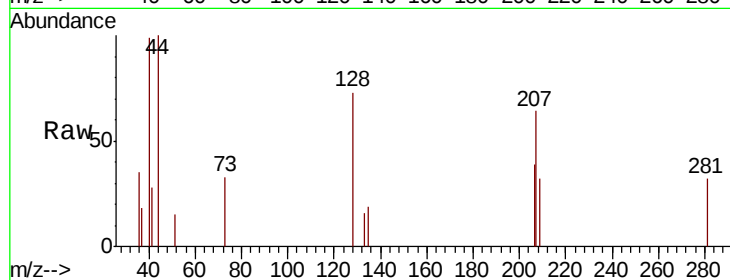
Acq: 01 Sep 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBL02



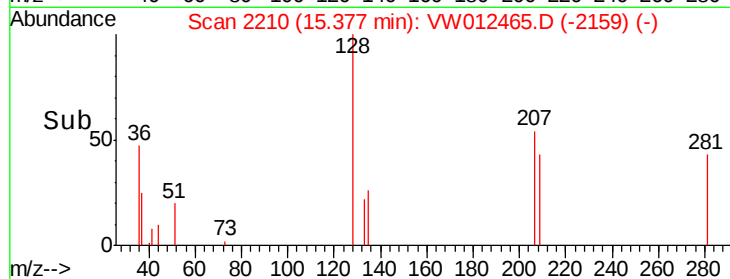
Tgt Ion:128 Resp: 420

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

