

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012513.D
 Acq On : 02 Sep 2019 22:17
 Operator : SY/VA
 Sample : VW0902SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBL02

Quant Time: Sep 03 07:43:17 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	160856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	260479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	239955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111490	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	107681	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.88	113	82070	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	10.32	98	349297	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
62) 4-Bromofluorobenzene	12.62	95	123239	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	

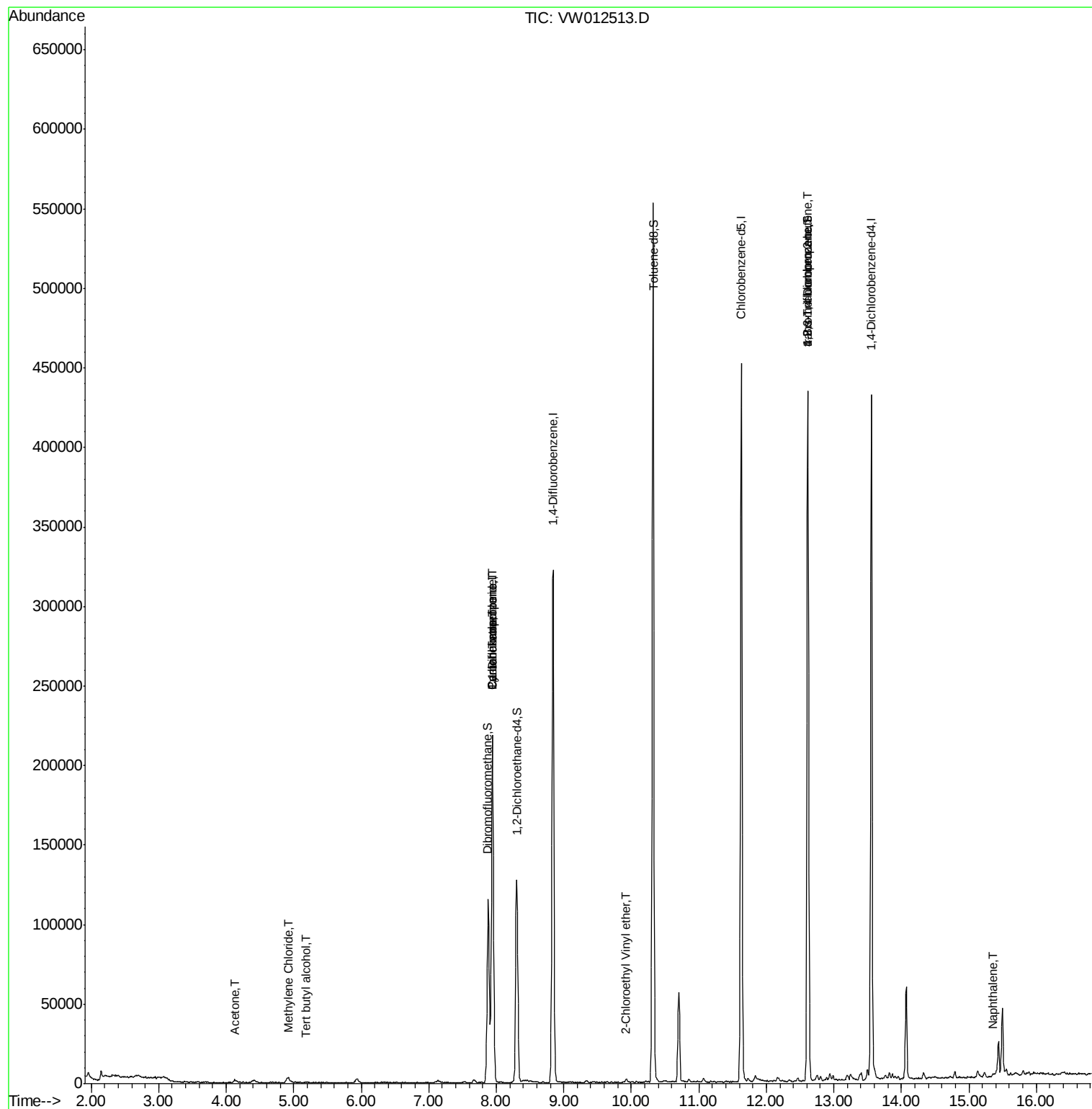
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	203	1.764	ug/l #	71
16) Acetone	4.14	43	4016	8.216	ug/l	92
20) Methylene Chloride	4.92	84	2079	1.125	ug/l #	95
31) Cyclohexane	7.94	56	4069	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13081	4.860	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16054	6.891	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	949	1.020	ug/l #	86
76) 1,2,3-Trichloropropane	12.62	75	66123	60.896	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66123	133.517	ug/l #	6
95) Naphthalene	15.36	128	1945	4.744	ug/l #	89

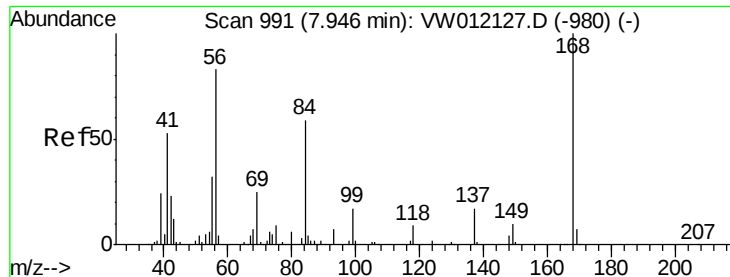
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
Data File : VW012513.D
Acq On : 02 Sep 2019 22:17
Operator : SY/VA
Sample : VW0902SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBL02

Quant Time: Sep 03 07:43:17 2019
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: VW012513.D

Acq: 02 Sep 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

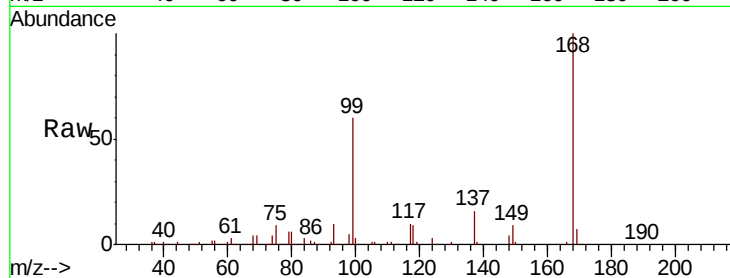
VW0902SBL02

Tgt Ion:168 Resp: 160856

Ion Ratio Lower Upper

168 100

99 60.0 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

80000

60000

40000

20000

0

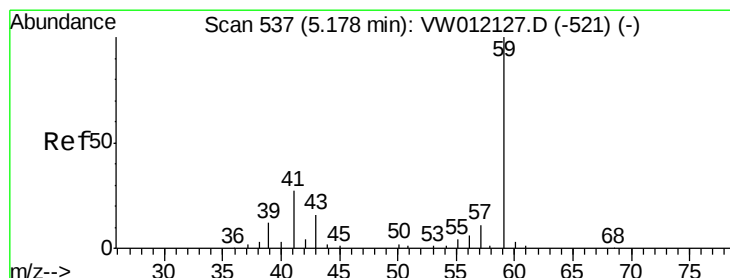
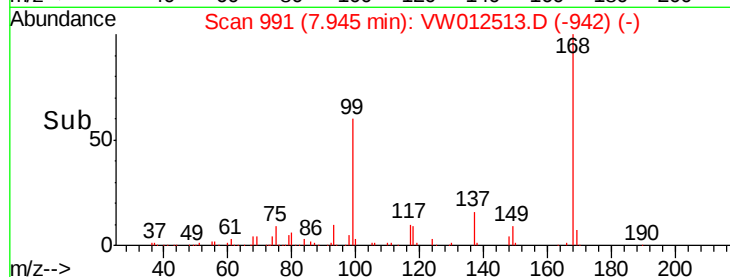
Time-->

7.80

7.90

8.00

8.10



#11

Tert butyl alcohol

Concen: 1.764 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW012513.D

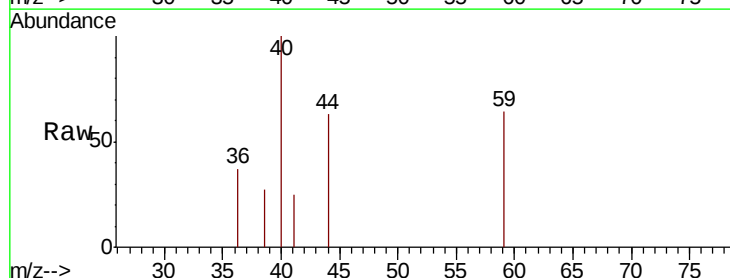
Acq: 02 Sep 2019 22:17

Tgt Ion: 59 Resp: 203

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

5.18

200

150

100

50

0

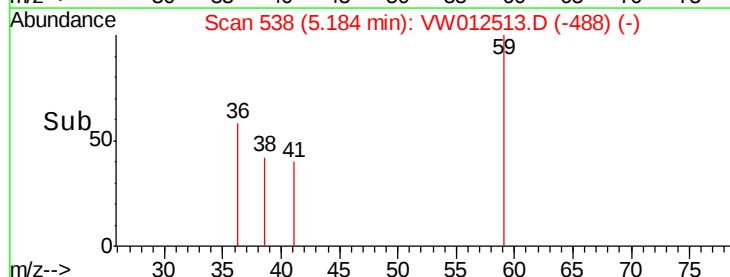
Time-->

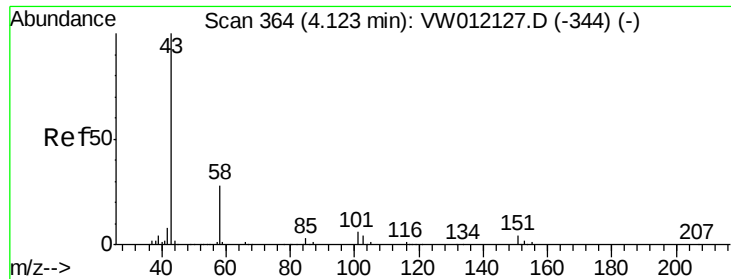
5.16

5.18

5.20

5.22





#16

Acetone

Concen: 8.216 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012513.D

Acq: 02 Sep 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

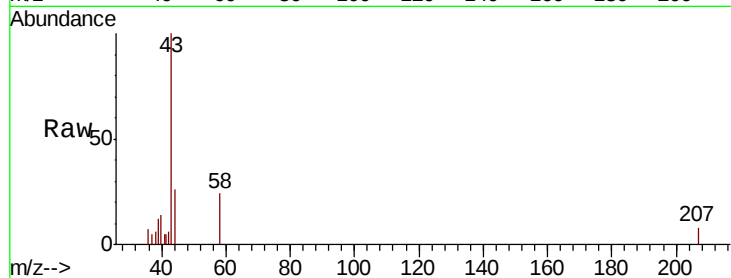
VW0902SBL02

Tgt Ion: 43 Resp: 4016

Ion Ratio Lower Upper

43 100

58 24.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

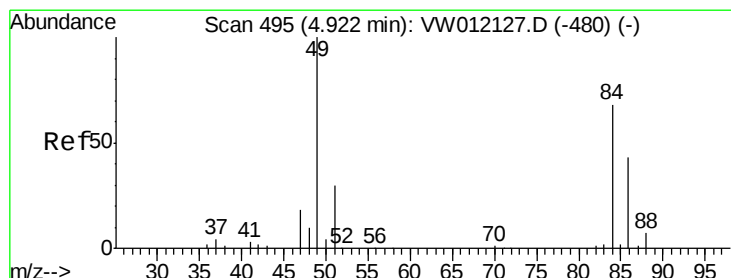
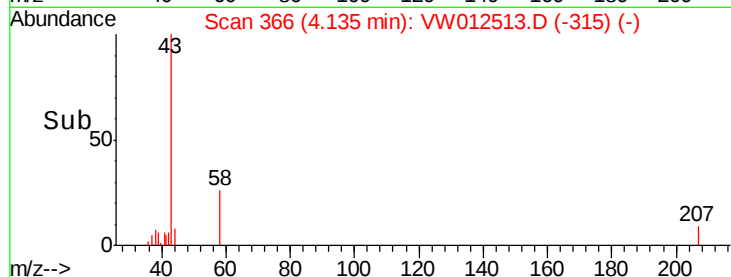
4.14

1000

500

0

Time--> 4.00 4.10 4.20



#20

Methylene Chloride

Concen: 1.125 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW012513.D

Acq: 02 Sep 2019 22:17

Tgt Ion: 84 Resp: 2079

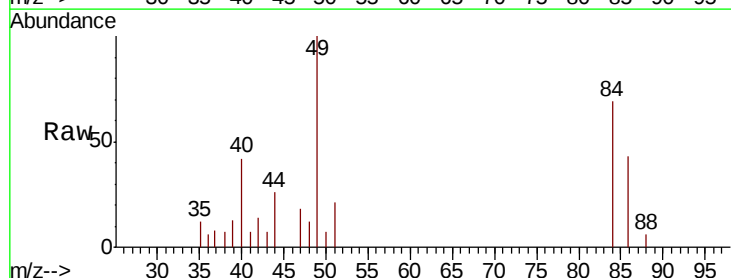
Ion Ratio Lower Upper

84 100

49 144.8 117.8 176.8

51 31.0 35.6 53.4#

86 61.8 51.2 76.8



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

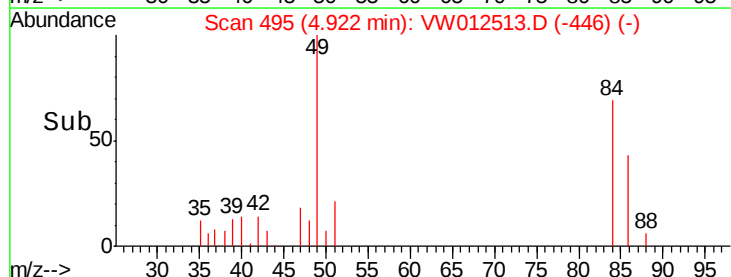
1500

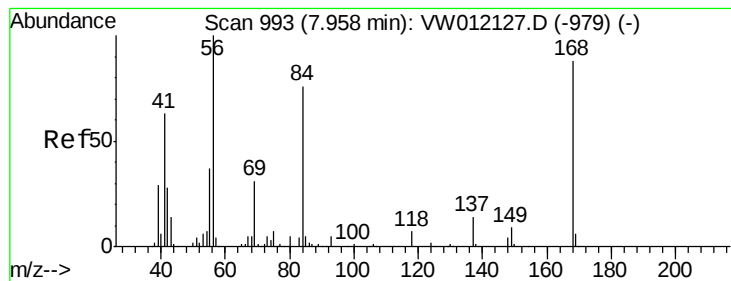
1000

500

0

Time--> 4.80 4.85 4.90 4.95 5.00





#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012513.D

Acq: 02 Sep 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBL02

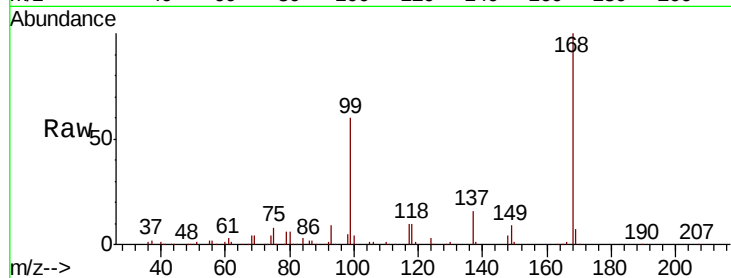
Tgt Ion: 56 Resp: 4069

Ion Ratio Lower Upper

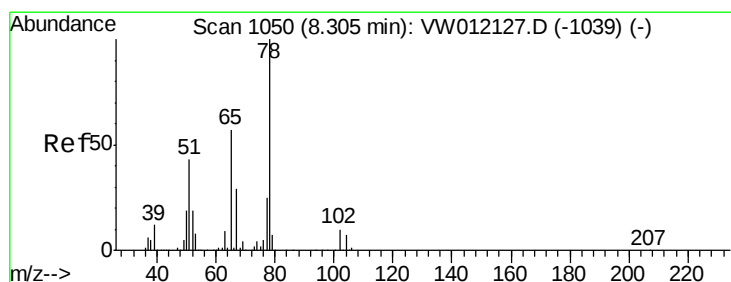
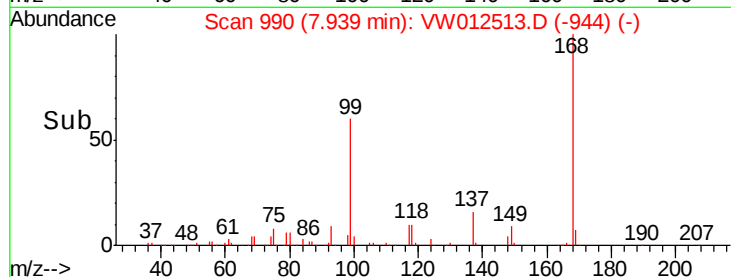
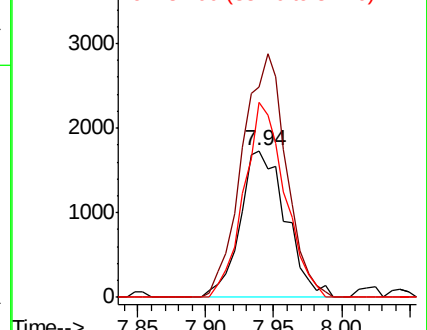
56 100

69 143.5 24.9 37.3#

84 132.8 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: 56.313 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012513.D

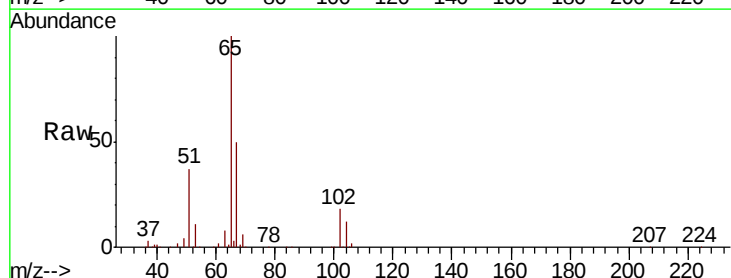
Acq: 02 Sep 2019 22:17

Tgt Ion: 65 Resp: 107681

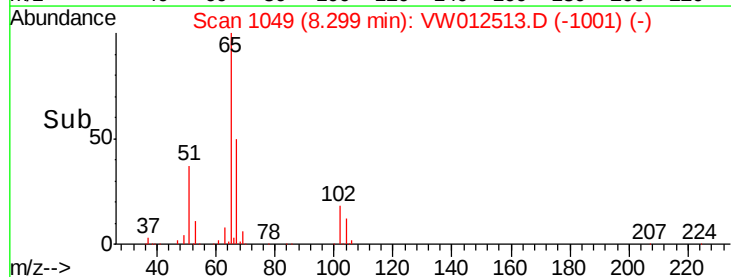
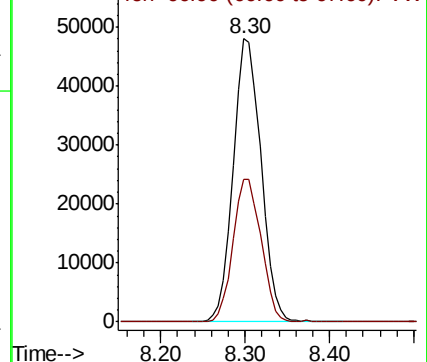
Ion Ratio Lower Upper

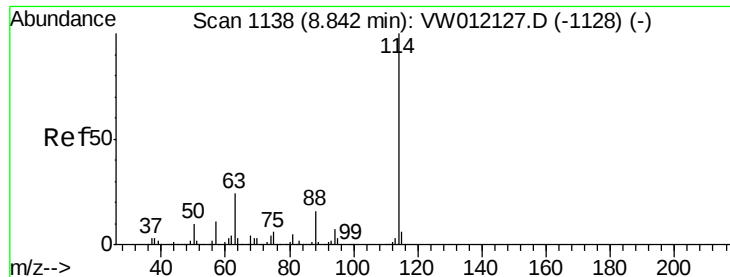
65 100

67 50.8 0.0 102.6



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

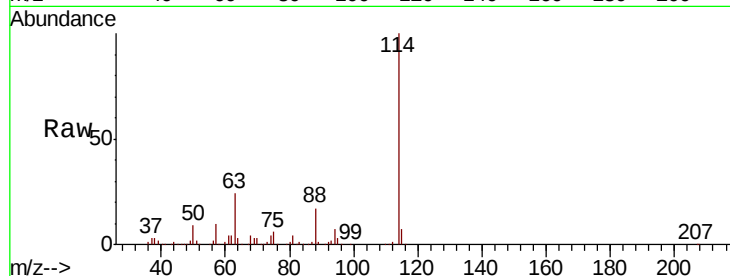




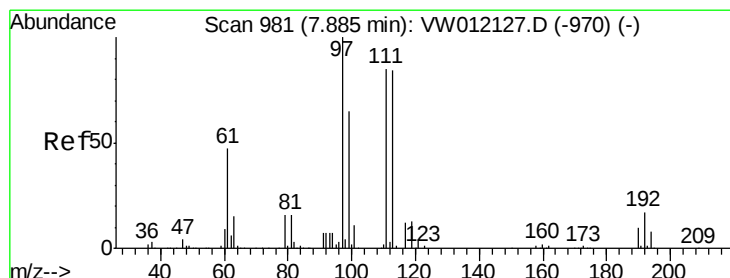
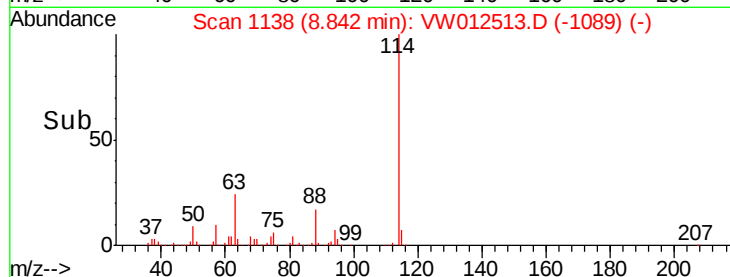
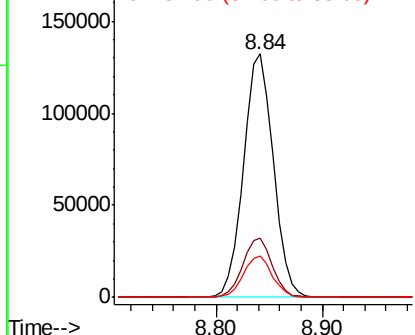
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012513.D
 Acq: 02 Sep 2019 22:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBL02

Tgt Ion:114 Resp: 260479
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.7 0.0 32.2

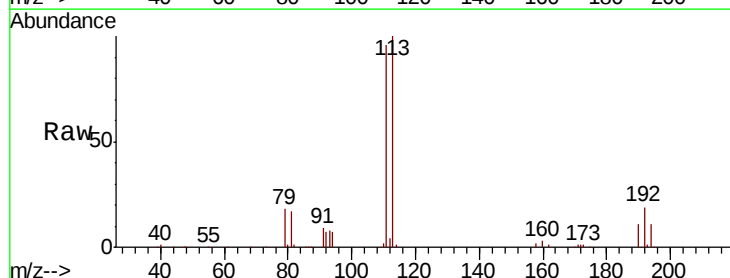


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

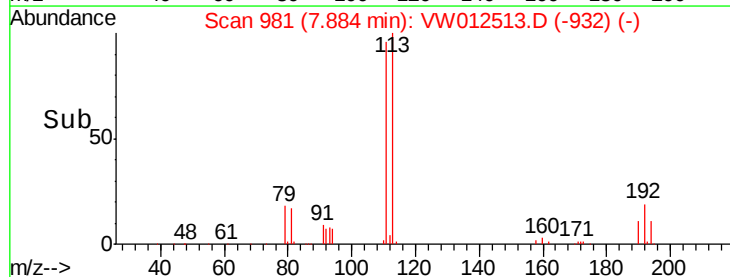
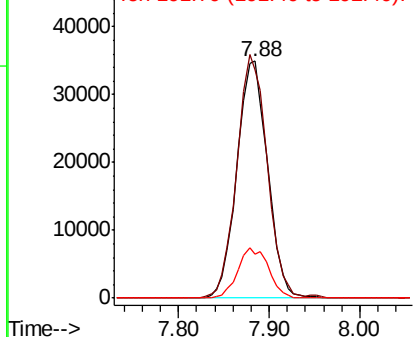


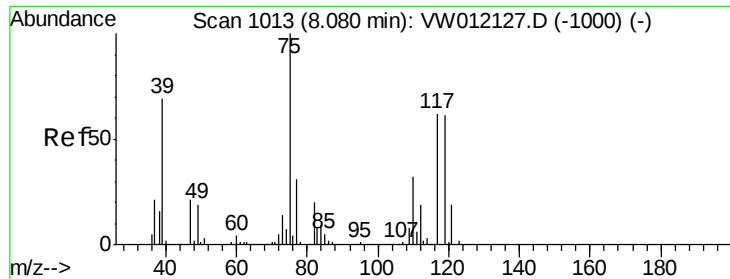
#35
 Dibromofluoromethane
 Concen: 52.785 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012513.D
 Acq: 02 Sep 2019 22:17

Tgt Ion:113 Resp: 82070
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.7 124.1
 192 21.4 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

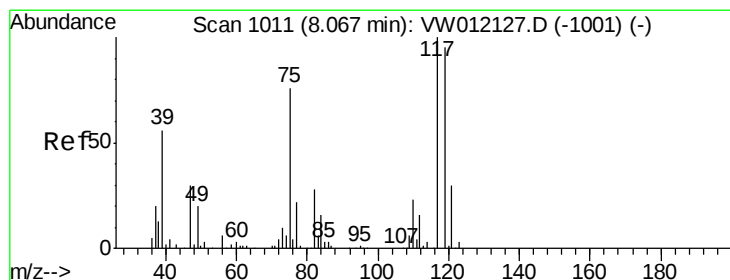
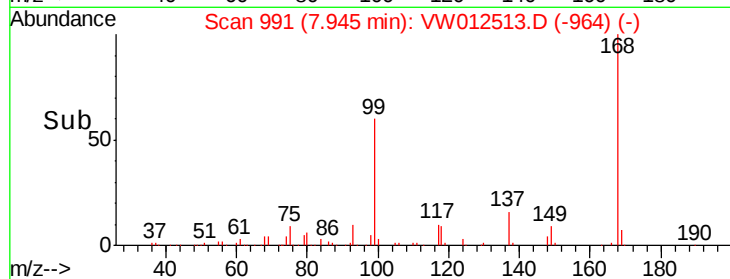
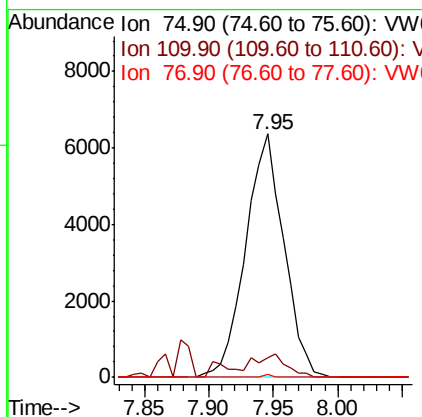
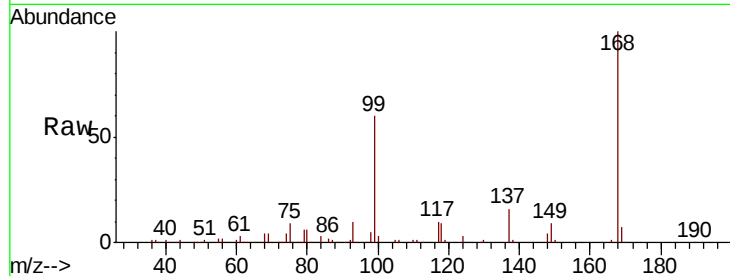




#36
 1,1-Dichloropropene
 Concen: 4.860 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012513.D
 Acq: 02 Sep 2019 22:17

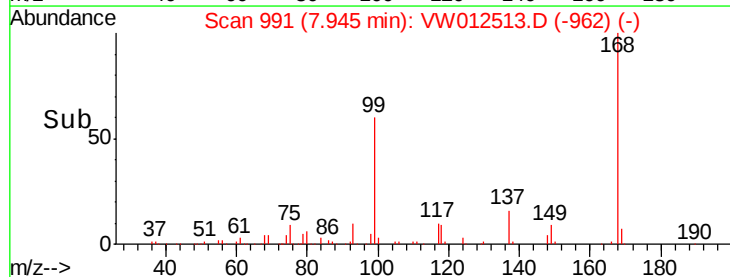
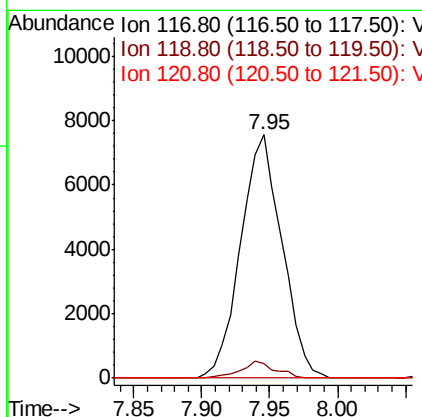
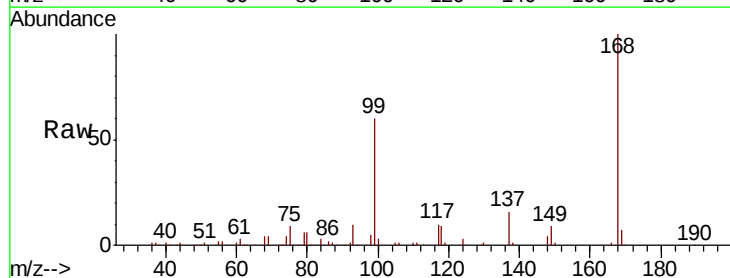
Instrument :
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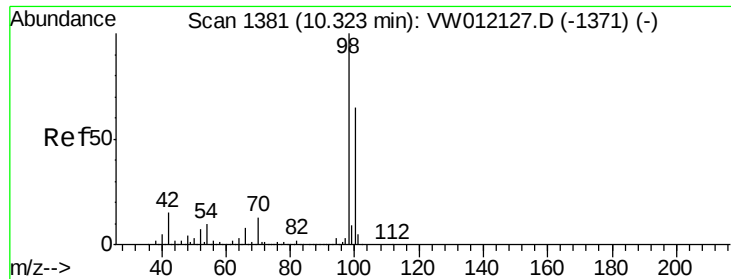
Tgt Ion: 75 Resp: 13081
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.6 46.8#
 77 0.2 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.891 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012513.D
 Acq: 02 Sep 2019 22:17

Tgt Ion: 117 Resp: 16054
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.2 114.2#
 121 0.0 23.8 35.8#

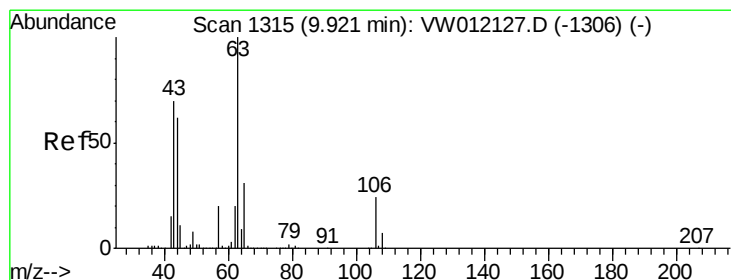
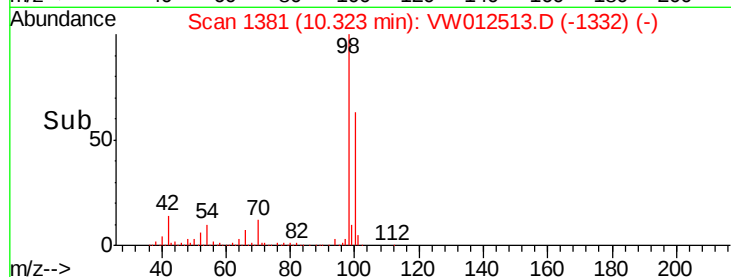
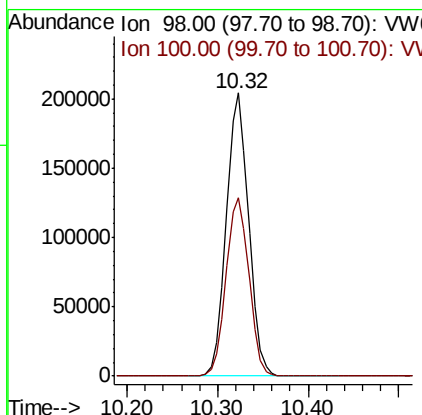
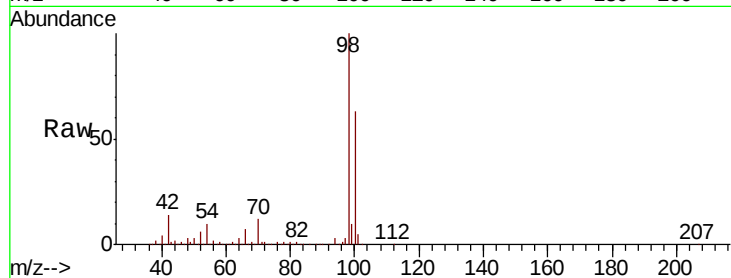




#50
Toluene-d8
Concen: 55.406 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012513.D
Acq: 02 Sep 2019 22:17

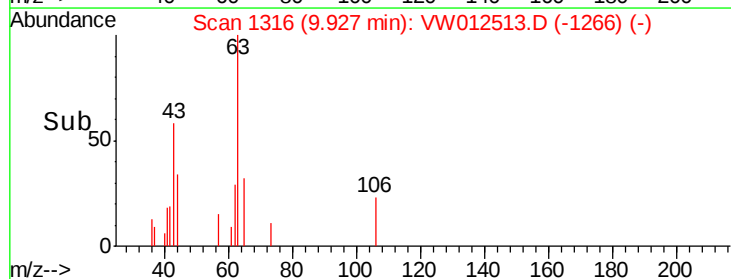
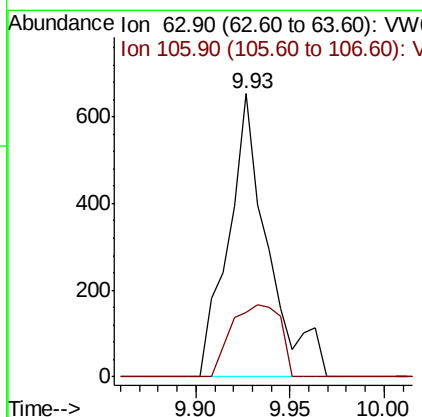
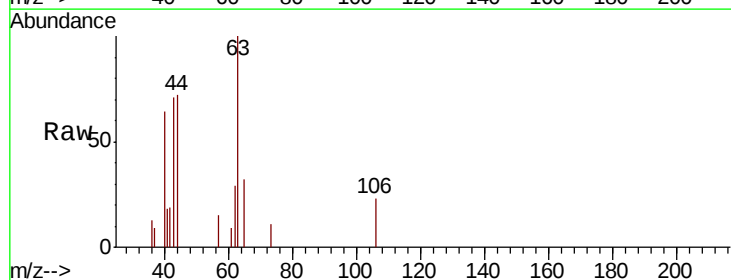
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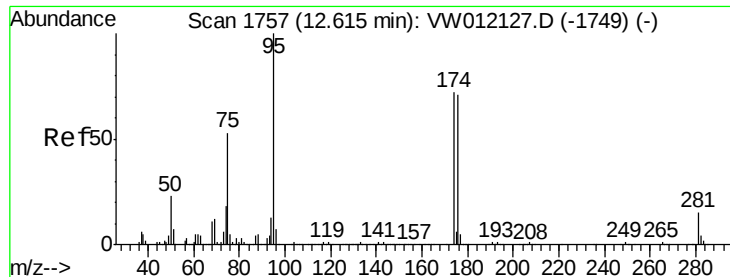
Tgt Ion: 98 Resp: 349297
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 1.020 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VW012513.D
Acq: 02 Sep 2019 22:17

Tgt Ion: 63 Resp: 949
Ion Ratio Lower Upper
63 100
106 31.7 19.8 29.8#





#62

4-Bromofluorobenzene

Concen: 55.457 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012513.D

Acq: 02 Sep 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBL02

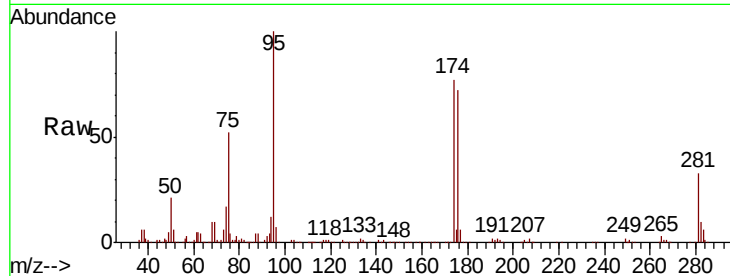
Tgt Ion: 95 Resp: 123239

Ion Ratio Lower Upper

95 100

174 78.7 0.0 150.8

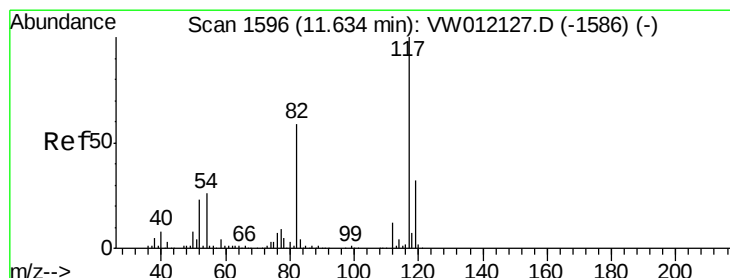
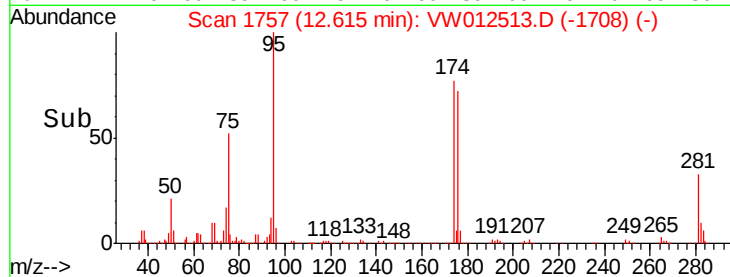
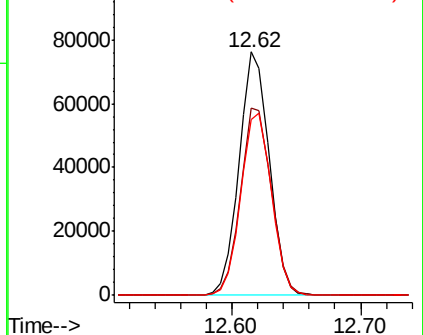
176 76.0 0.0 148.6



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: VW012513.D

Acq: 02 Sep 2019 22:17

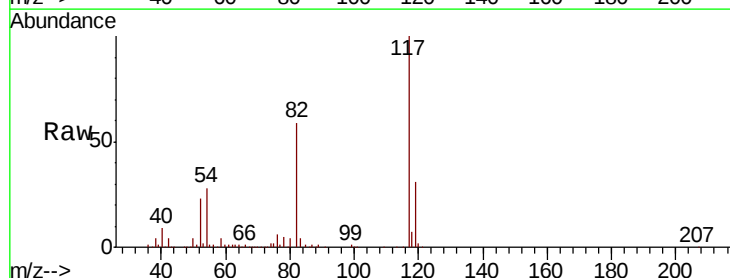
Tgt Ion: 117 Resp: 239955

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.2

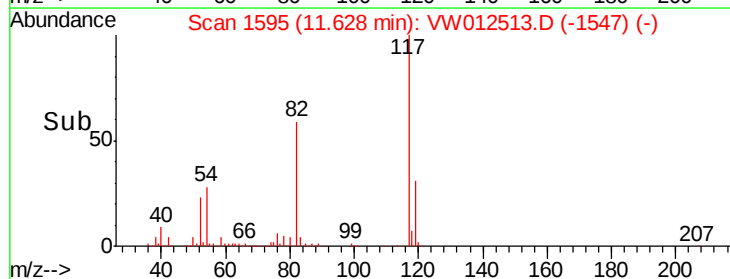
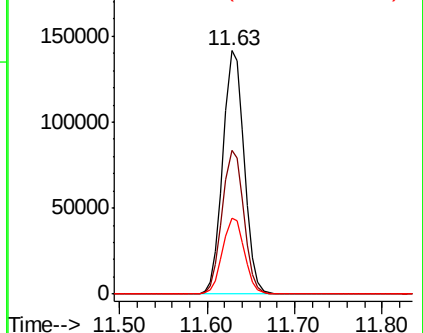
119 31.3 25.4 38.2

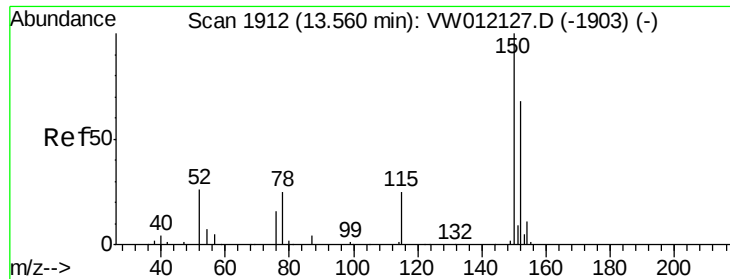


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



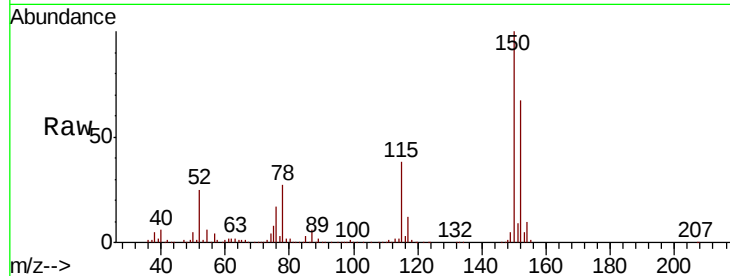


#72

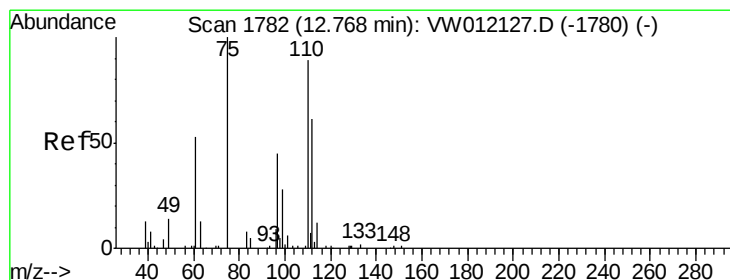
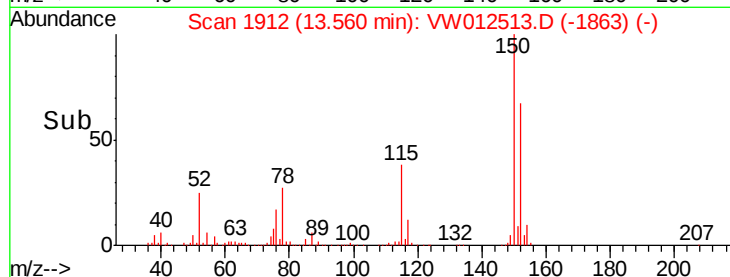
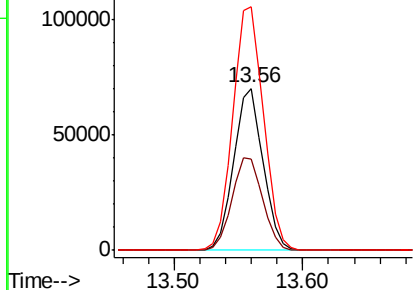
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012513.D
Acq: 02 Sep 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBL02

Tgt Ion:152 Resp: 111490
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.3
150 157.0 0.0 345.8



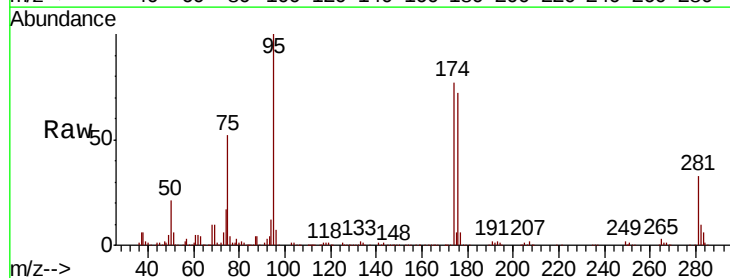
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



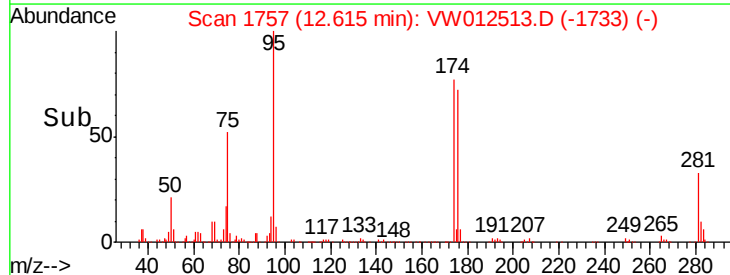
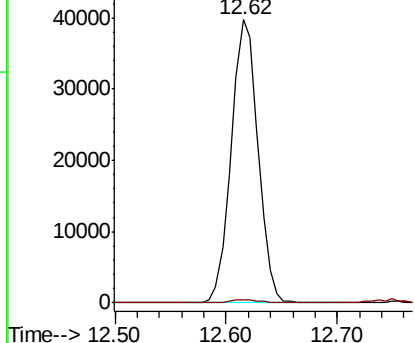
#76

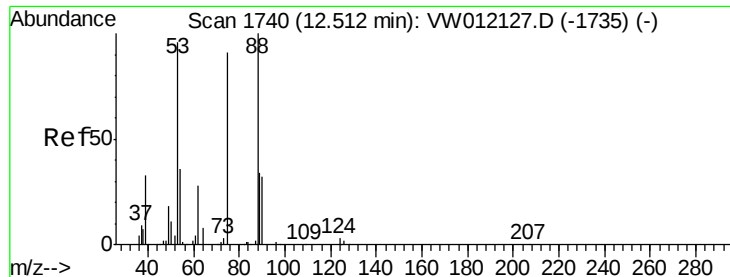
1,2,3-Trichloropropane
Concen: 60.896 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012513.D
Acq: 02 Sep 2019 22:17

Tgt Ion: 75 Resp: 66123
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: 133.517 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012513.D

Acq: 02 Sep 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBL02

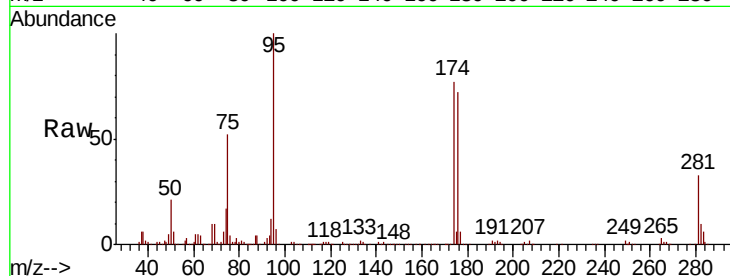
Tgt Ion: 75 Resp: 66123

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

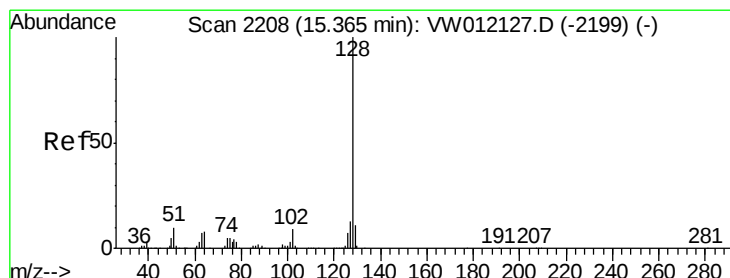
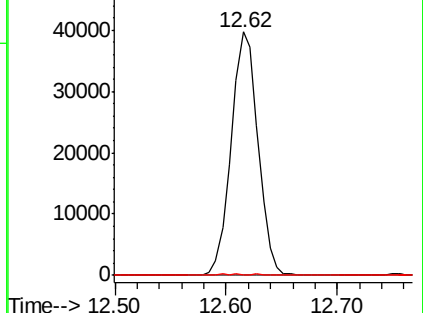
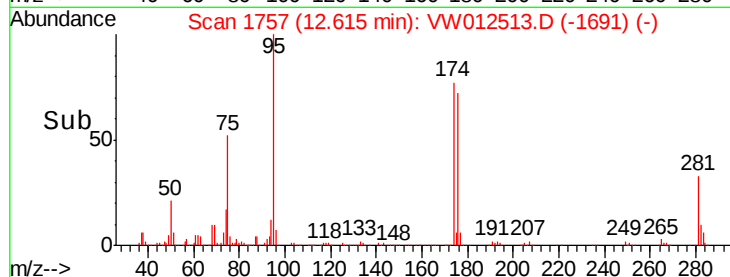
89 0.0 34.5 51.7#



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



#95

Naphthalene

Concen: 4.744 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012513.D

Acq: 02 Sep 2019 22:17

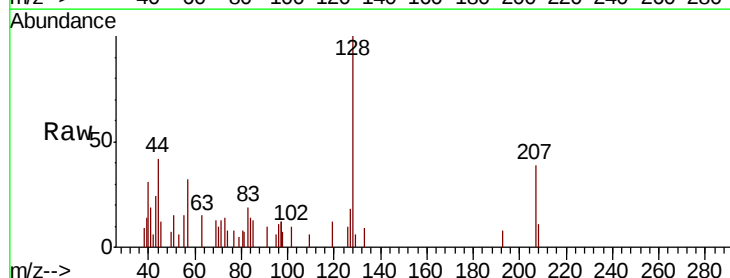
Tgt Ion: 128 Resp: 1945

Ion Ratio Lower Upper

128 100

127 8.3 10.7 16.1#

129 7.7 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

