

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
 Data File : VW011965.D
 Acq On : 16 Aug 2019 15:17
 Operator : SY/VA
 Sample : K4366-02
 Misc : 5.20G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-2

Quant Time: Aug 17 05:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	141329	55.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.54%	
35) Dibromofluoromethane	7.88	113	111370	53.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.64%	
50) Toluene-d8	10.32	98	457074	53.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.62	95	152333	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	

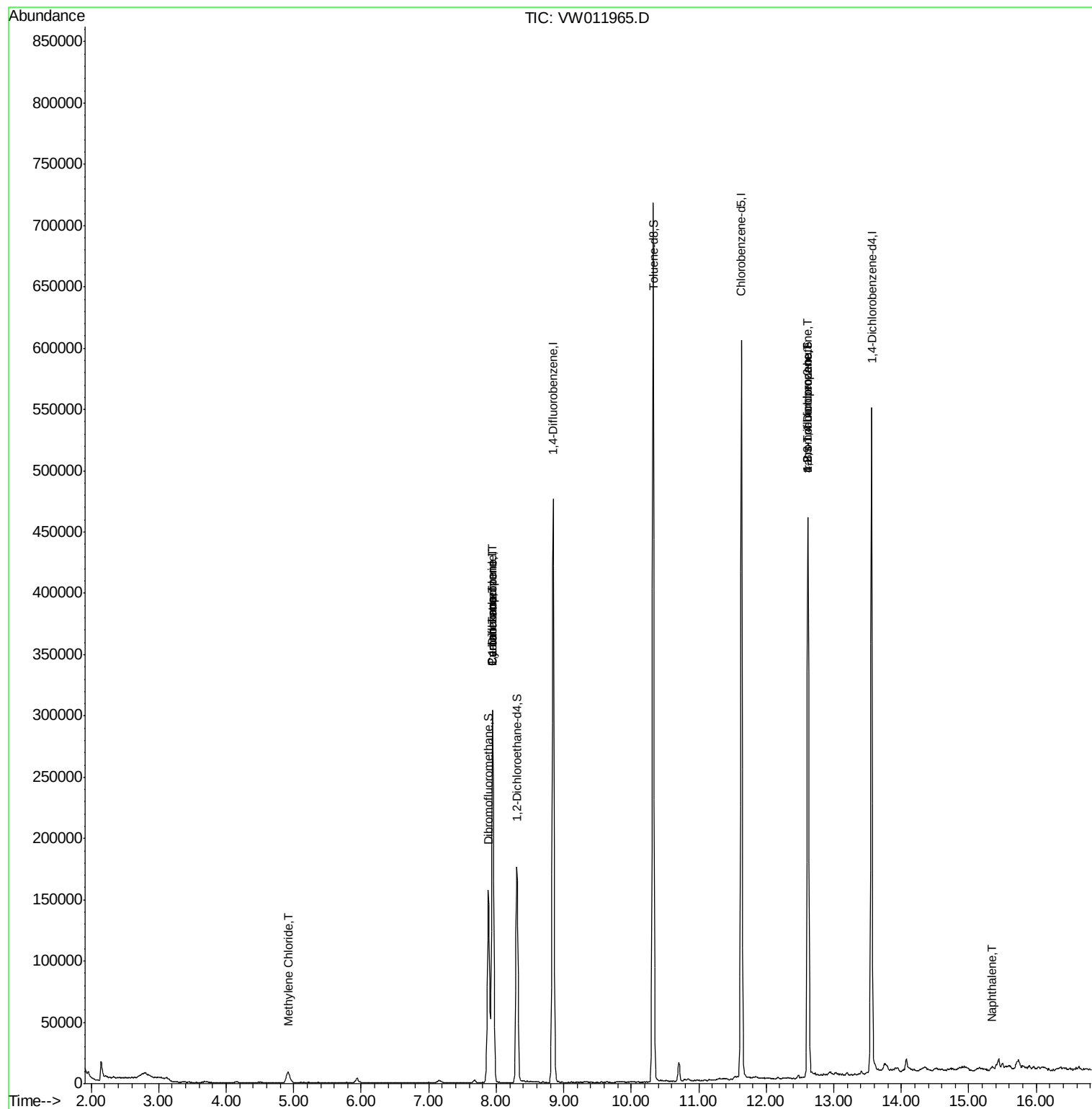
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	102	Below Cal	#	72
20) Methylene Chloride	4.92	84	6751	2.406	ug/l	93
31) Cyclohexane	7.95	56	5440	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18824	4.908	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21987	6.696	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	80580	57.274	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	80580	131.996	ug/l #	6
95) Naphthalene	15.35	128	155	2.094	ug/l #	1

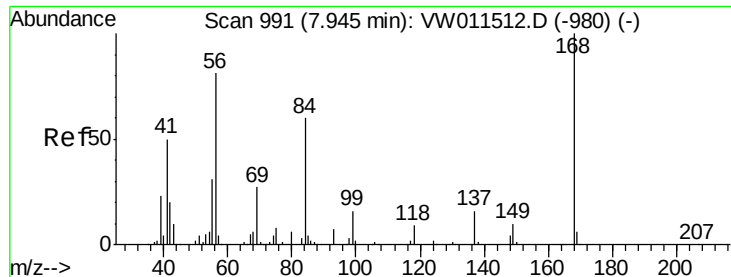
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
Data File : VW011965.D
Acq On : 16 Aug 2019 15:17
Operator : SY/VA
Sample : K4366-02
Misc : 5.20G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PX-2

Quant Time: Aug 17 05:00:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011965.D

Acq: 16 Aug 2019 15:17

Instrument :

MSVOA_W

ClientSampleId :

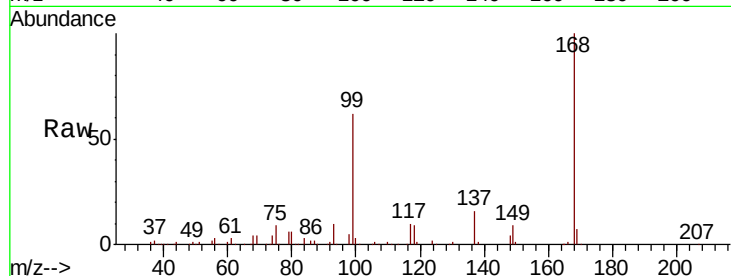
PX-2

Tgt Ion:168 Resp: 222701

Ion Ratio Lower Upper

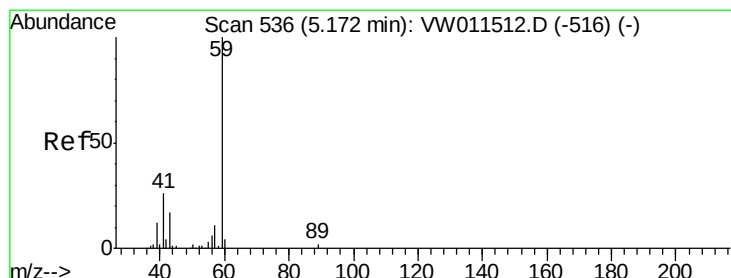
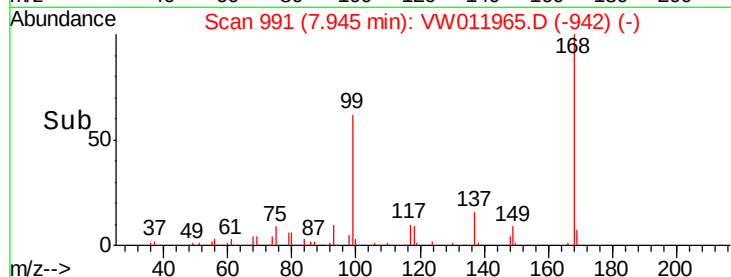
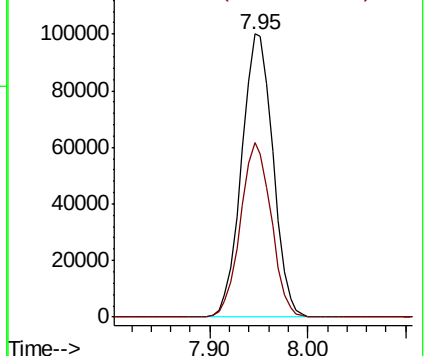
168 100

99 61.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW011965.D

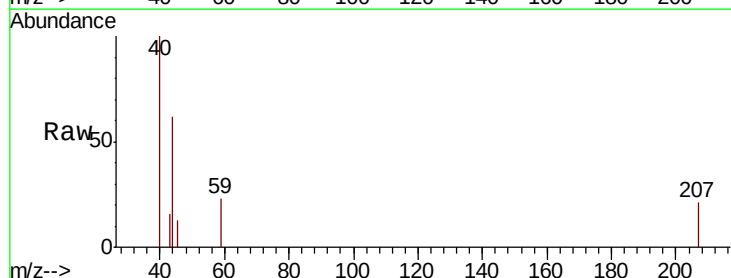
Acq: 16 Aug 2019 15:17

Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

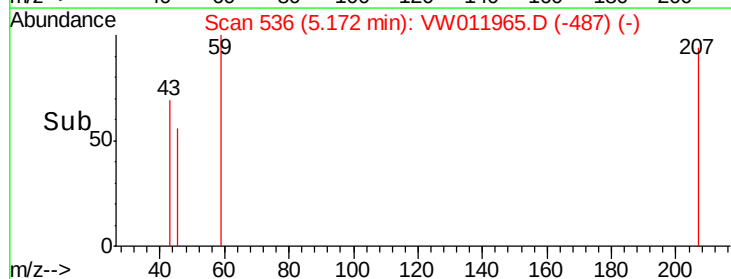
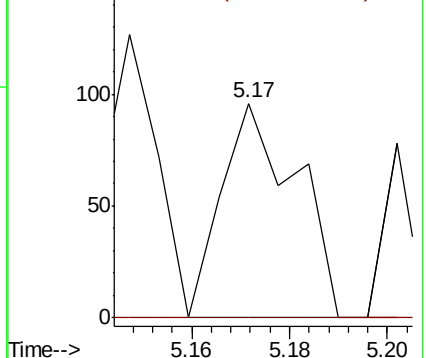
59 100

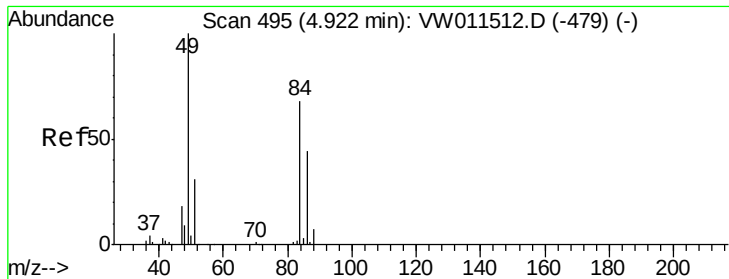
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#20

Methylene Chloride

Concen: 2.406 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

Instrument :

MSVOA_W

ClientSampleId :

PX-2

Tgt Ion: 84 Resp: 6751

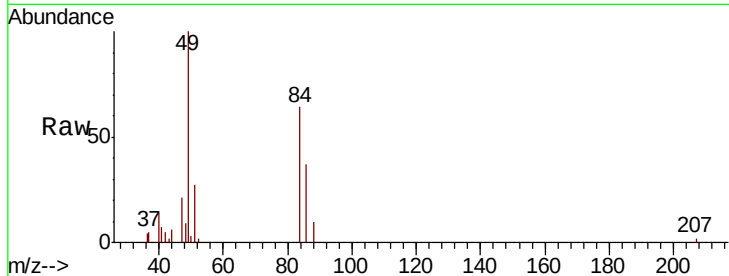
Ion Ratio Lower Upper

84 100

49 156.5 117.8 176.6

51 41.7 37.0 55.4

86 58.6 51.8 77.8

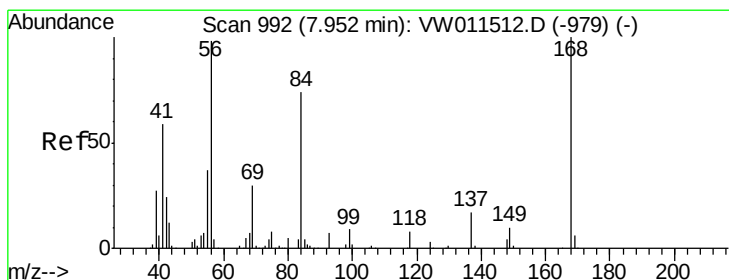
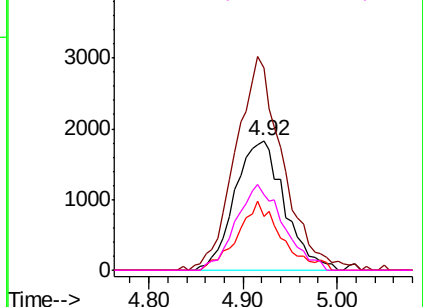
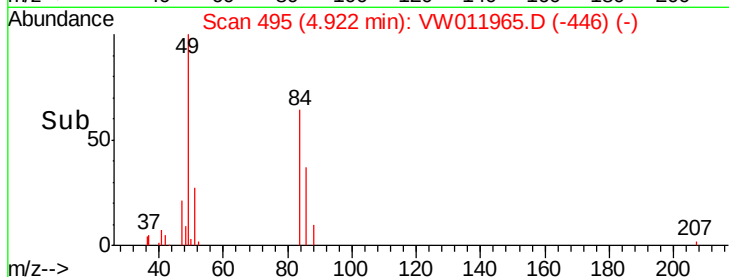


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

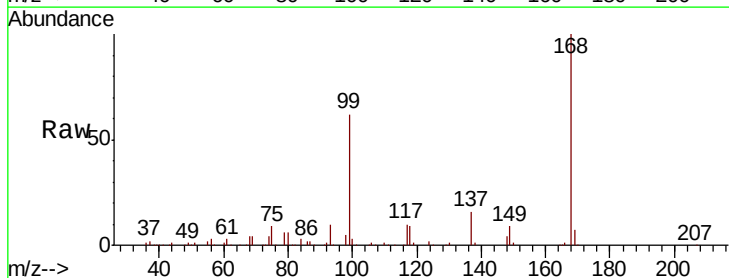
Tgt Ion: 56 Resp: 5440

Ion Ratio Lower Upper

56 100

69 159.9 24.3 36.5#

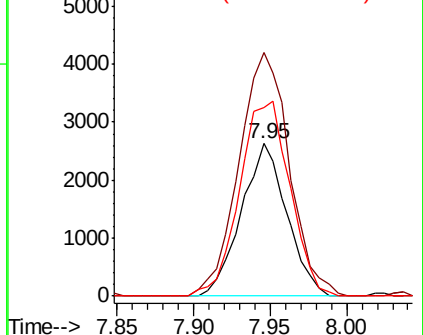
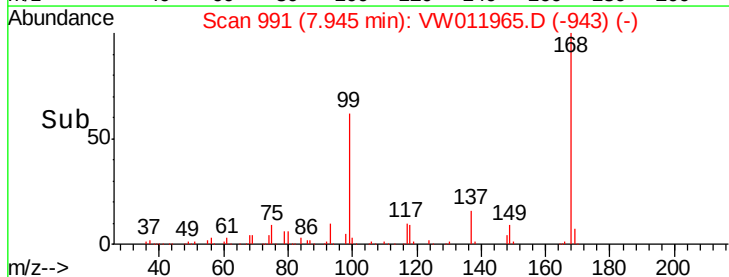
84 123.7 60.4 90.6#

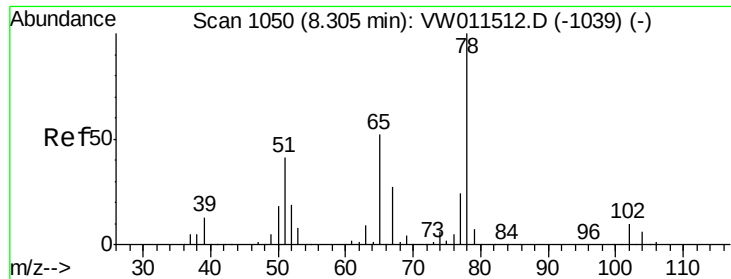


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

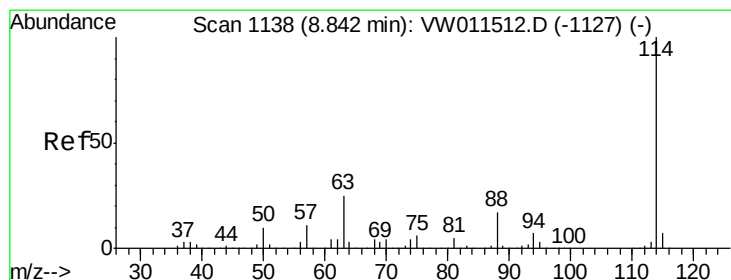
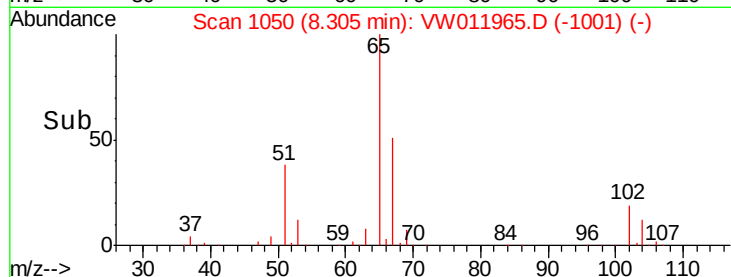
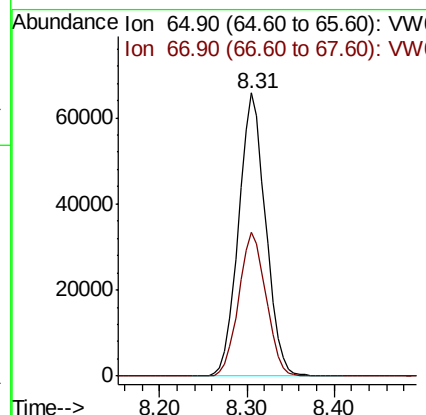
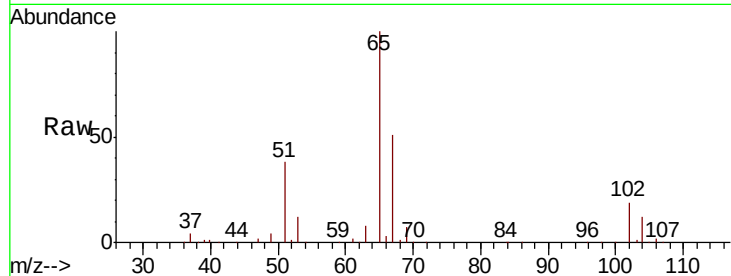




#33
 1,2-Dichloroethane-d4
 Concen: 55.266 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011965.D
 Acq: 16 Aug 2019 15:17

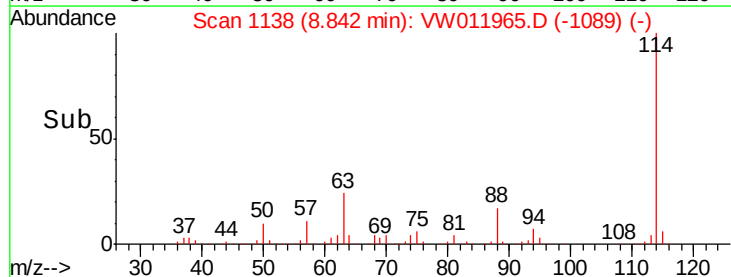
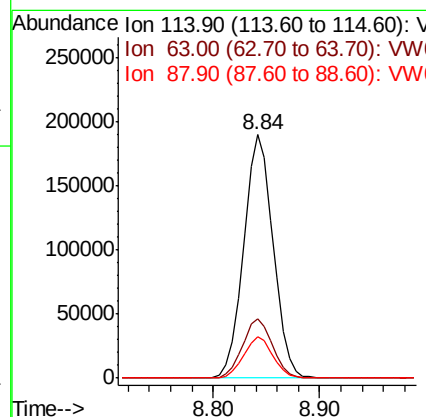
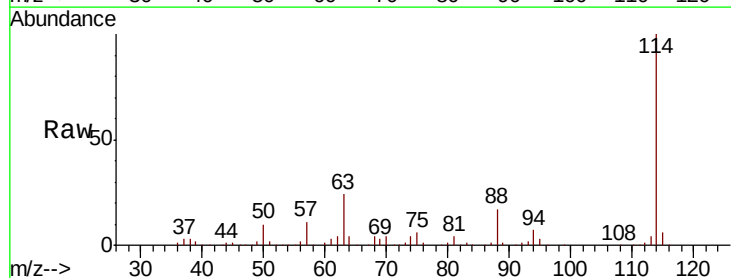
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-2

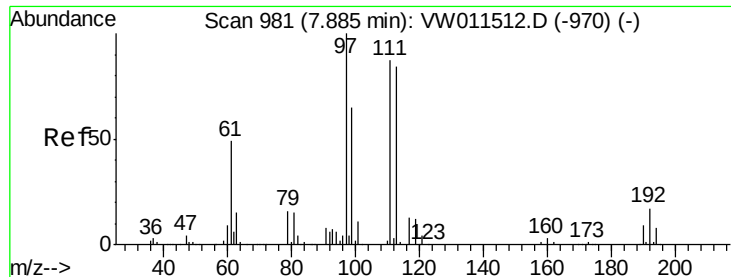
Tgt Ion: 65 Resp: 141329
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011965.D
 Acq: 16 Aug 2019 15:17

Tgt Ion: 114 Resp: 368865
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 17.0 0.0 33.8

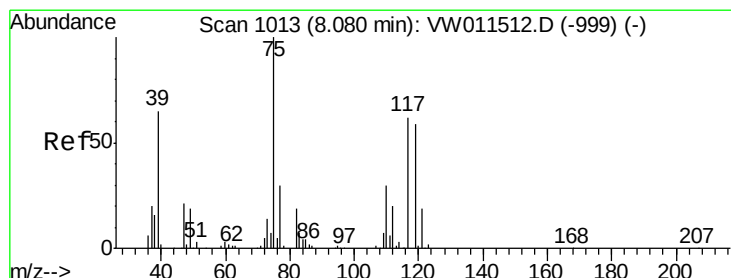
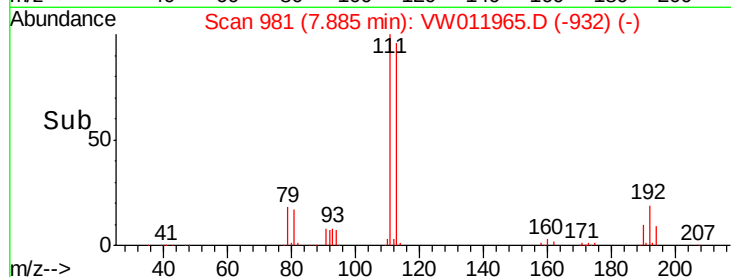
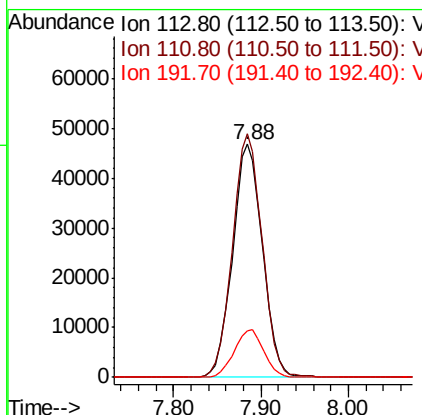
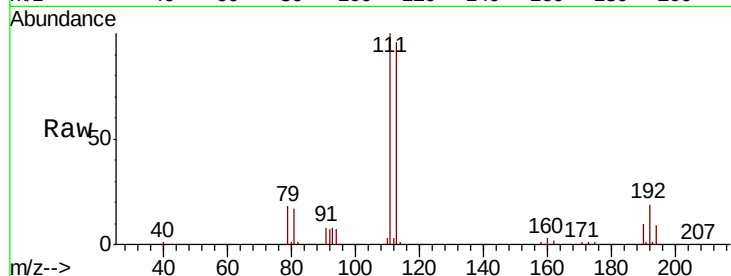




#35
 Dibromofluoromethane
 Concen: 53.818 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011965.D
 Acq: 16 Aug 2019 15:17

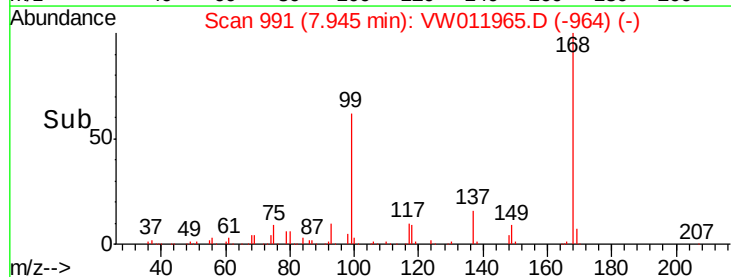
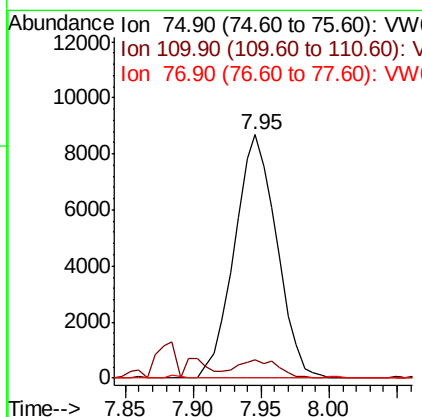
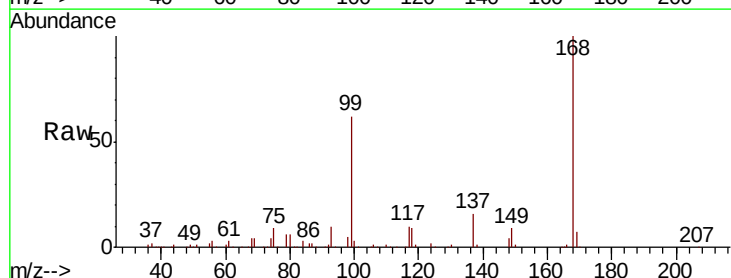
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-2

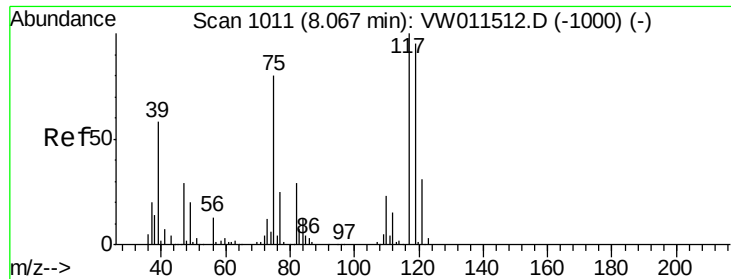
Tgt Ion: 113 Resp: 111370
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 20.1 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.908 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011965.D
 Acq: 16 Aug 2019 15:17

Tgt Ion: 75 Resp: 18824
 Ion Ratio Lower Upper
 75 100
 110 7.4 15.6 46.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.696 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

Instrument :

MSVOA_W

ClientSampleId :

PX-2

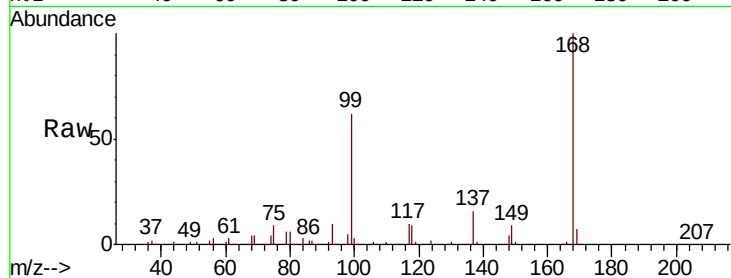
Tgt Ion:117 Resp: 21987

Ion Ratio Lower Upper

117 100

119 7.9 75.8 113.6#

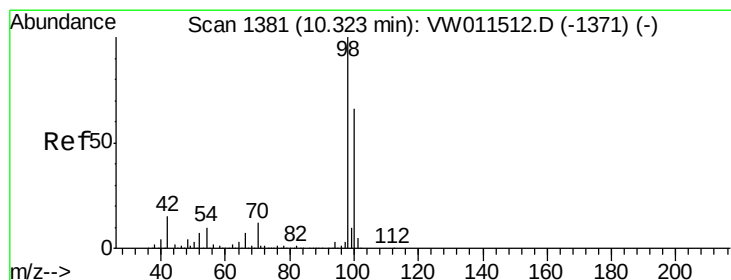
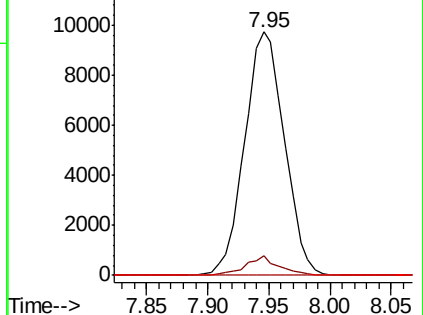
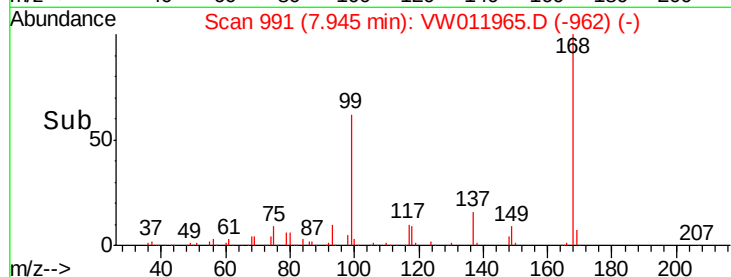
121 0.0 24.7 37.1#



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: 53.947 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011965.D

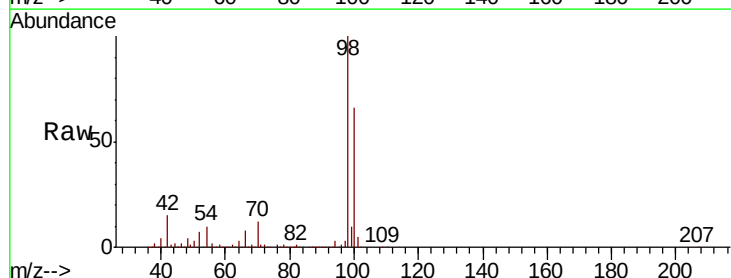
Acq: 16 Aug 2019 15:17

Tgt Ion: 98 Resp: 457074

Ion Ratio Lower Upper

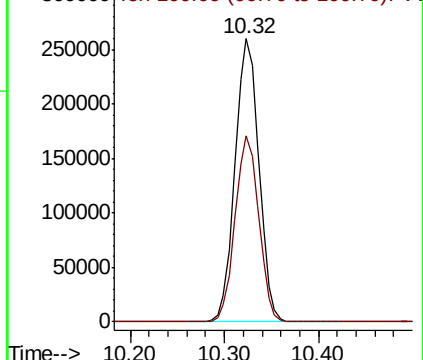
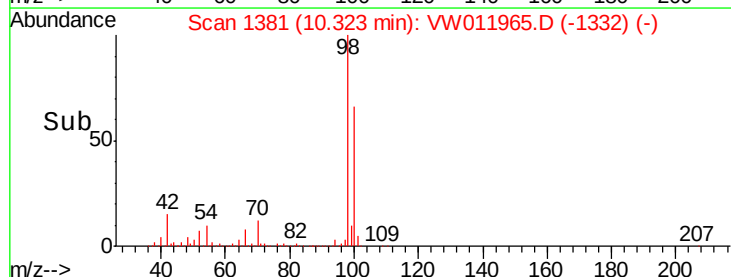
98 100

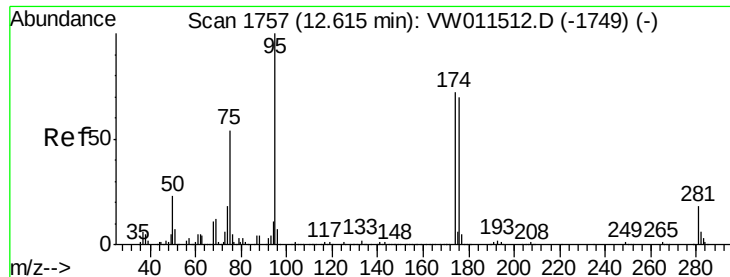
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.430 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

Instrument :

MSVOA_W

ClientSampled :

PX-2

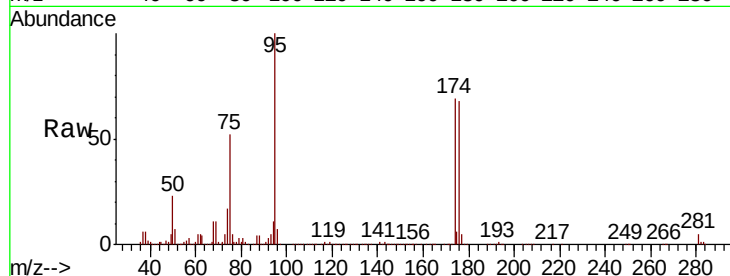
Tgt Ion: 95 Resp: 152333

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

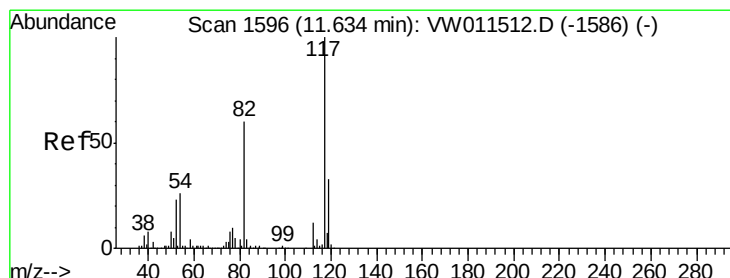
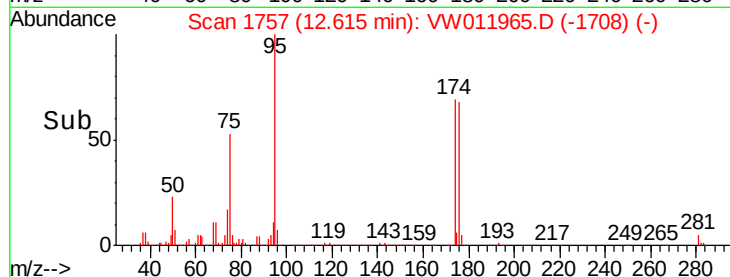
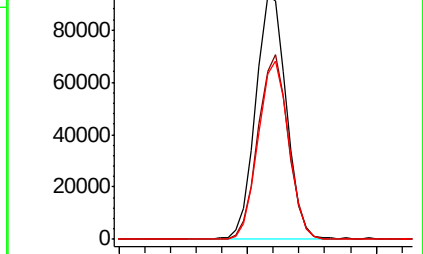
176 73.3 0.0 144.4



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# 1596

Delta R.T. 0.00 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

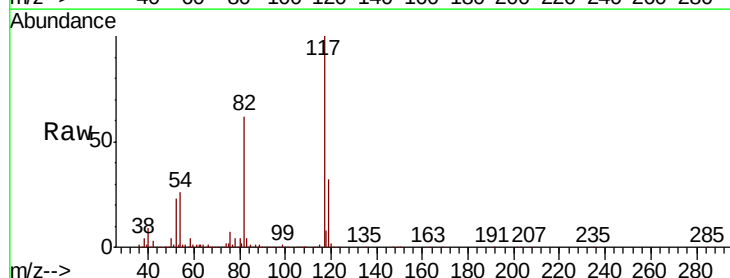
Tgt Ion: 117 Resp: 311191

Ion Ratio Lower Upper

117 100

82 61.9 47.9 71.9

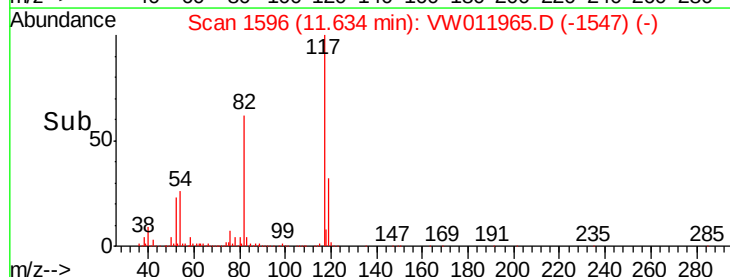
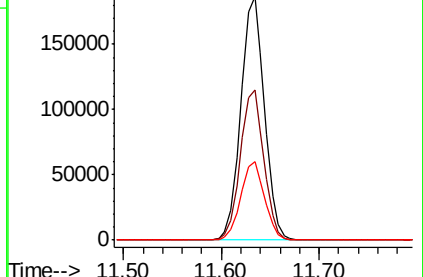
119 32.2 26.2 39.2

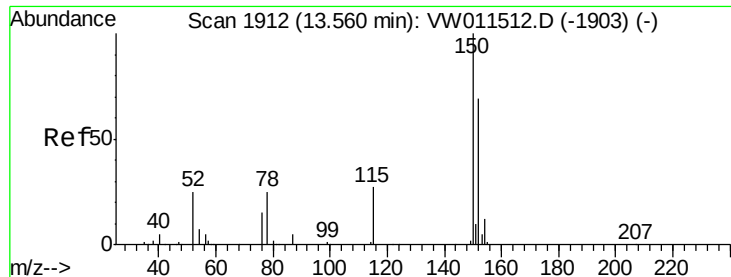


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011965.D

Acq: 16 Aug 2019 15:17

Instrument :

MSVOA_W

ClientSampleId :

PX-2

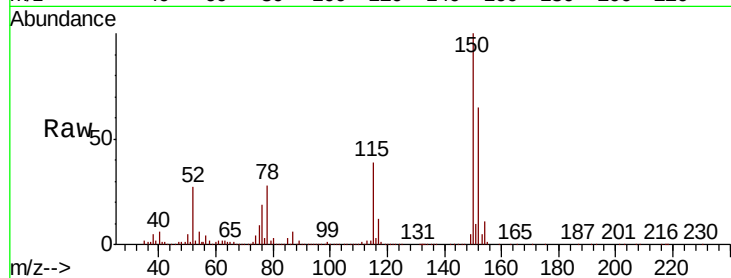
Tgt Ion: 152 Resp: 132966

Ion Ratio Lower Upper

152 100

115 60.8 30.5 91.5

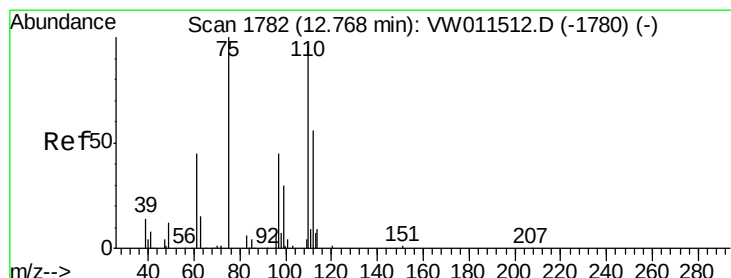
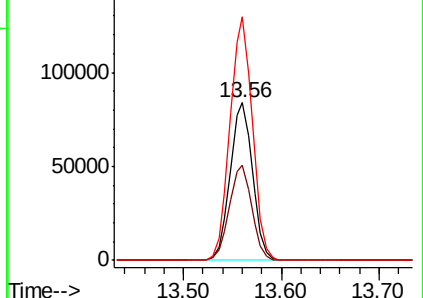
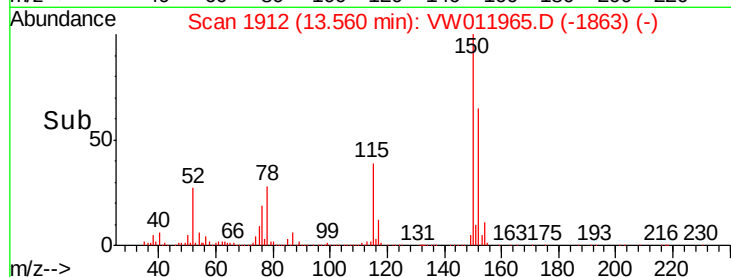
150 154.8 0.0 352.6



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: 57.274 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011965.D

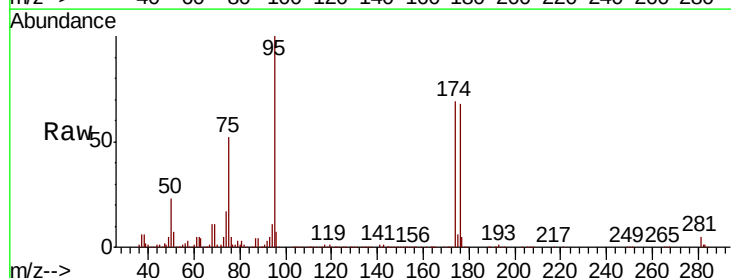
Acq: 16 Aug 2019 15:17

Tgt Ion: 75 Resp: 80580

Ion Ratio Lower Upper

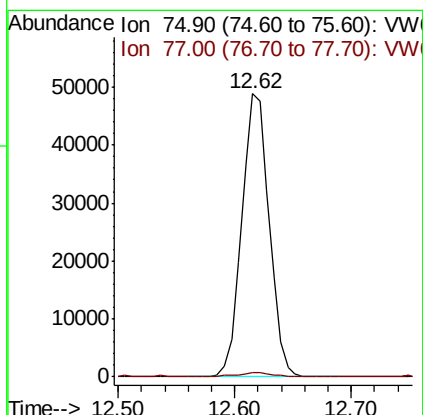
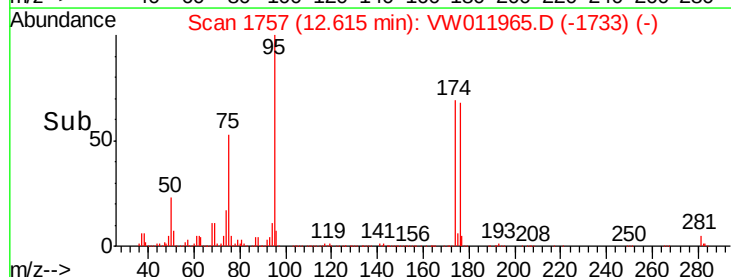
75 100

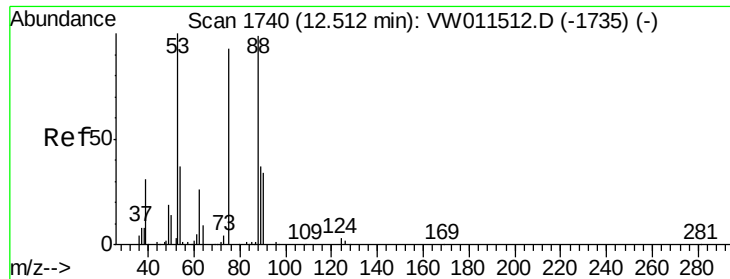
77 1.5 0.0 0.0#



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: 131.996 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

Instrument :

MSVOA_W

ClientSampleId :

PX-2

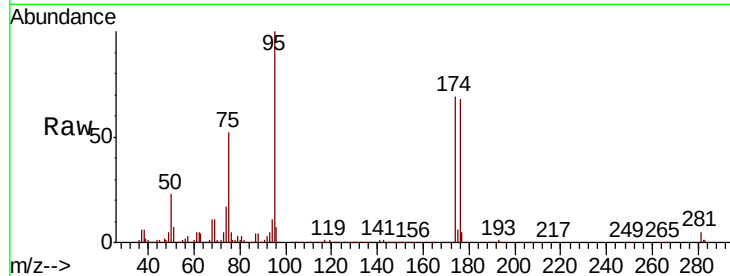
Tgt Ion: 75 Resp: 80580

Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

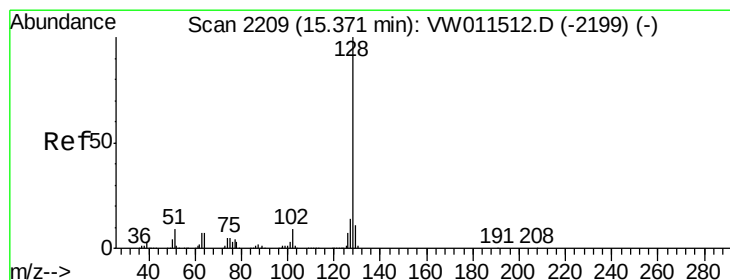
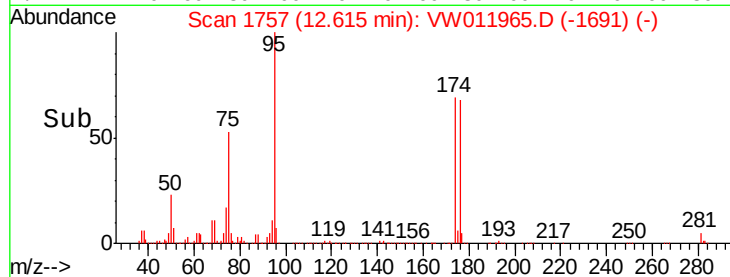
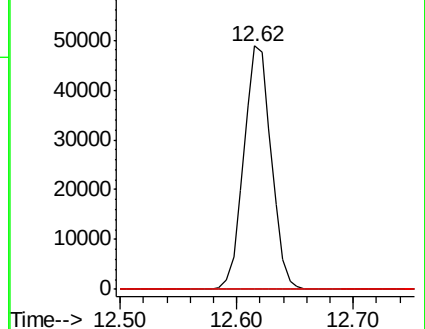
89 0.0 35.3 52.9#



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: 2.094 ug/l

RT: 15.35 min Scan# 2205

Delta R.T. -0.02 min

Lab File: VW011965.D

Acq: 16 Aug 2019 15:17

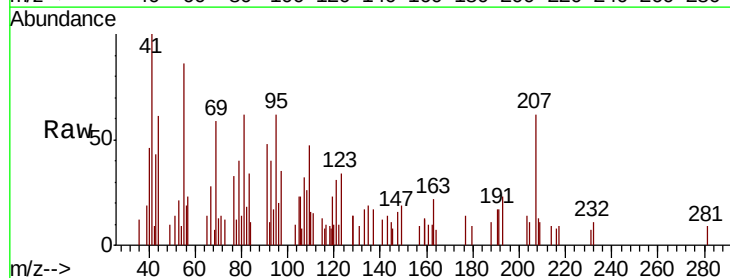
Tgt Ion: 128 Resp: 155

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 100.6 8.6 13.0#



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

