

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012540.D
 Acq On : 03 Sep 2019 12:29
 Operator : SY/VA
 Sample : K4439-07RE
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 03 14:04:33 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78426	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	131889	52.79	ug/l	0.00
Spiked Amount						
			Recovery	=	105.58%	
35) Dibromofluoromethane	7.88	113	104569	51.01	ug/l	0.00
Spiked Amount						
			Recovery	=	102.02%	
50) Toluene-d8	10.32	98	407882	49.07	ug/l	0.00
Spiked Amount						
			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	106433	36.32	ug/l	0.00
Spiked Amount						
			Recovery	=	72.64%	

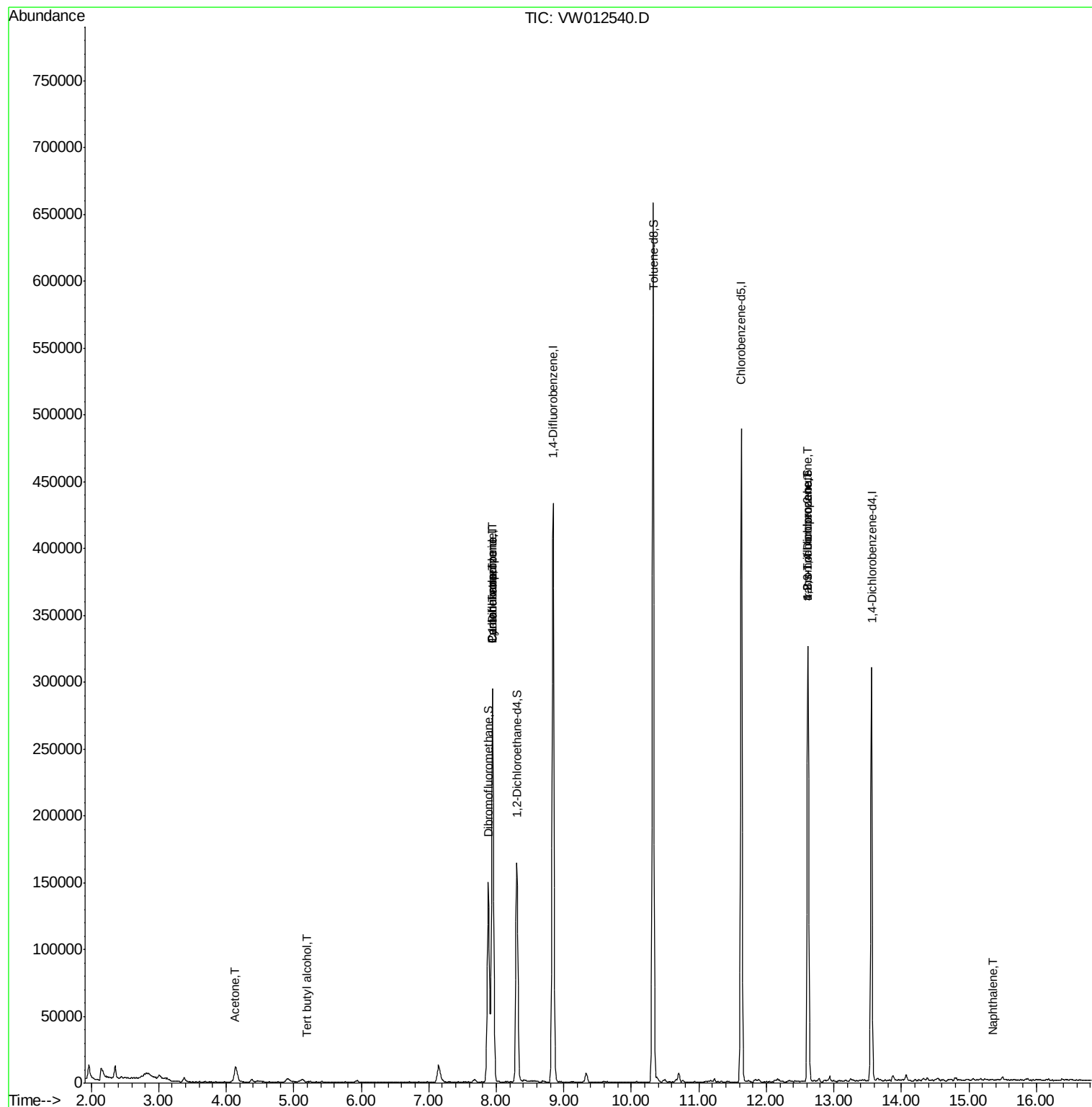
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	212	1.410	ug/l #	71
16) Acetone	4.14	43	24515	38.385	ug/l	100
31) Cyclohexane	7.95	56	6096	1.355	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	17827	5.023	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20730	6.748	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57820	75.699	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57820	165.973	ug/l #	6
95) Naphthalene	15.36	128	543	4.489	ug/l #	69

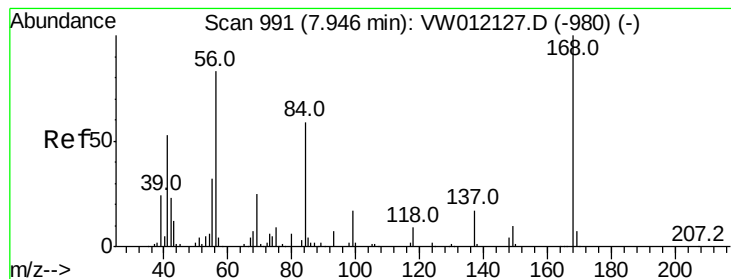
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012540.D

Acq: 03 Sep 2019 12:29

Instrument :

MSVOA_W

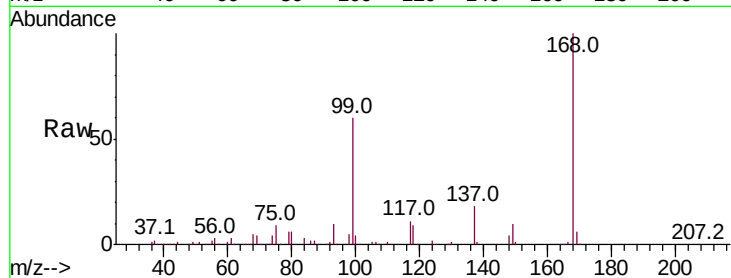
ClientSampled :

Tot Ion:168 Resp: 210175

Ion Ratio Lower Upper

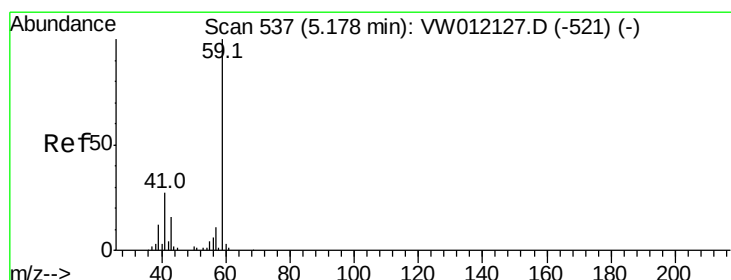
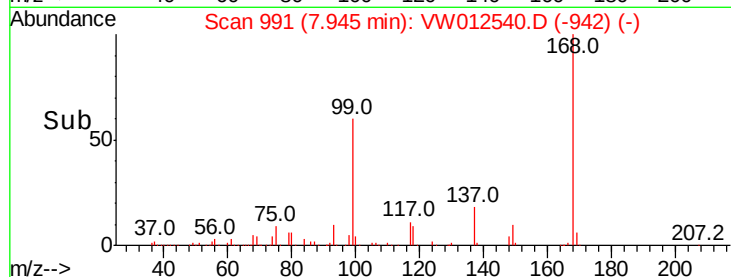
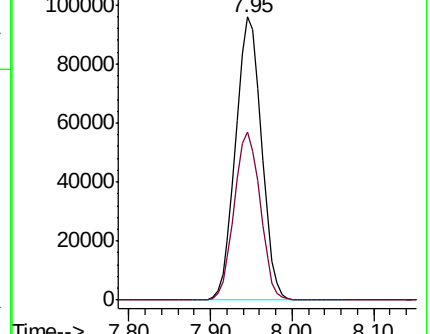
168 100

99 59.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.410 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW012540.D

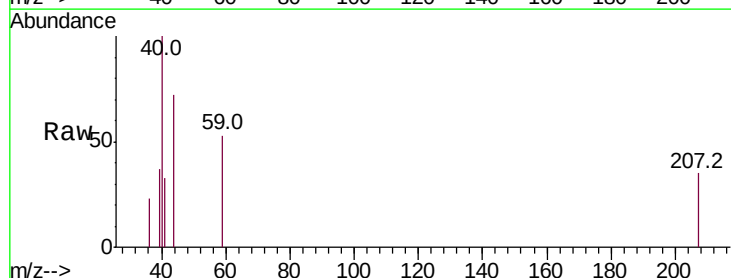
Acq: 03 Sep 2019 12:29

Tgt Ion: 59 Resp: 212

Ion Ratio Lower Upper

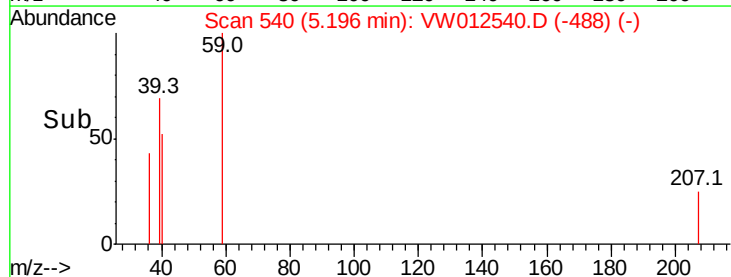
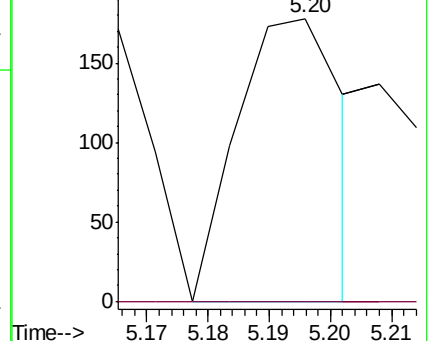
59 100

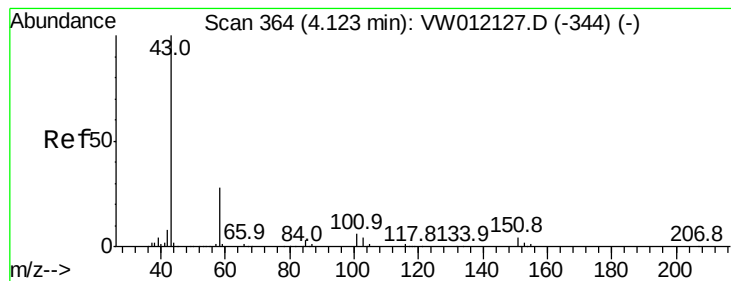
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 38.385 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012540.D

Acq: 03 Sep 2019 12:29

Instrument :

MSVOA_W

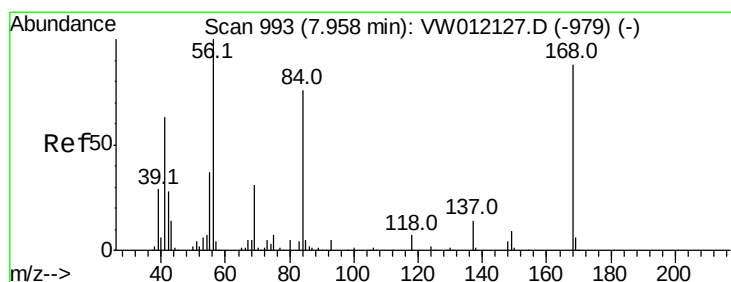
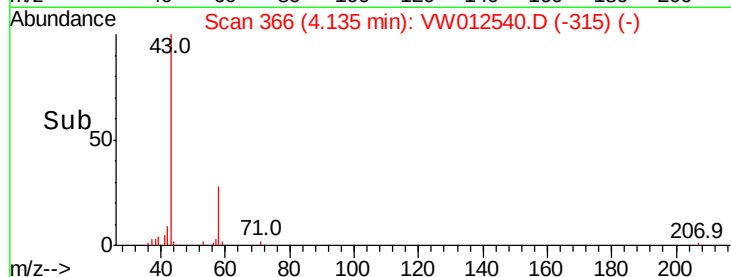
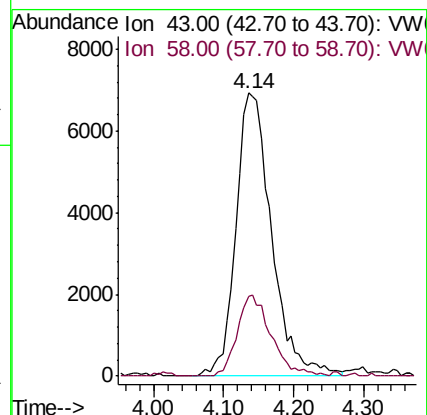
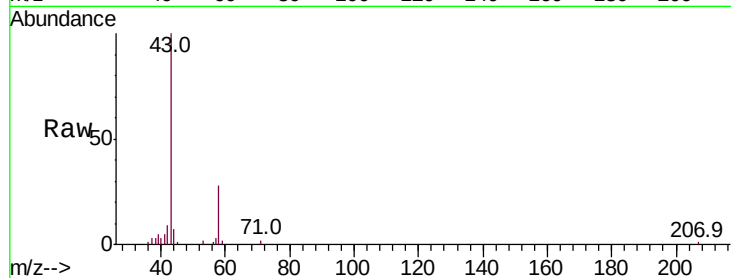
ClientSampleId :

Tot Ion: 43 Resp: 24515

Ion Ratio Lower Upper

43 100

58 28.1 22.4 33.6



#31

Cyclohexane

Concen: 1.355 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012540.D

Acq: 03 Sep 2019 12:29

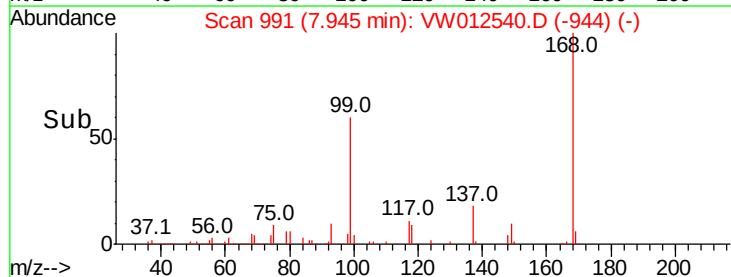
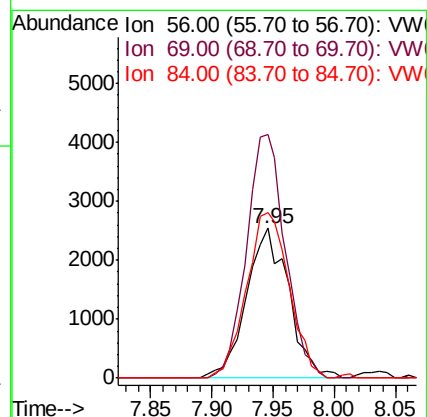
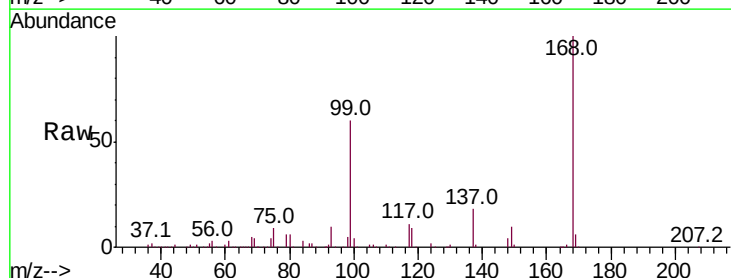
Tgt Ion: 56 Resp: 6096

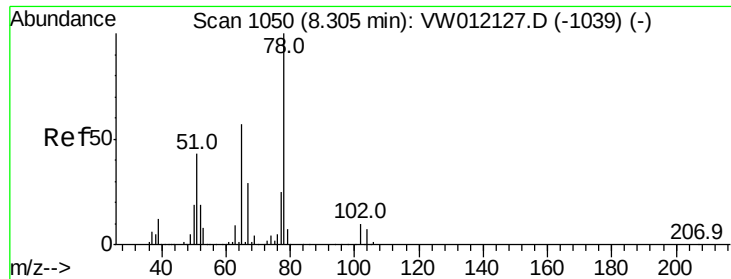
Ion Ratio Lower Upper

56 100

69 162.3 24.9 37.3#

84 110.5 60.6 90.8#

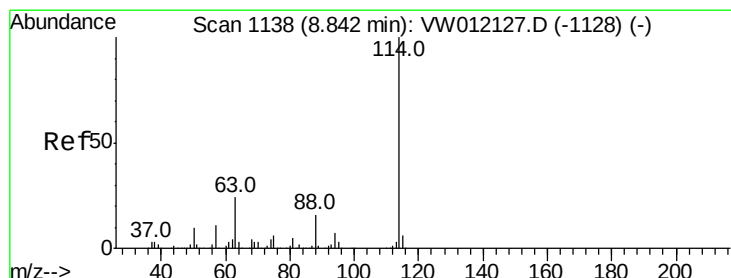
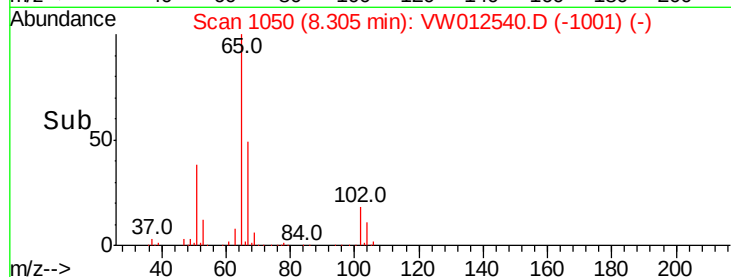
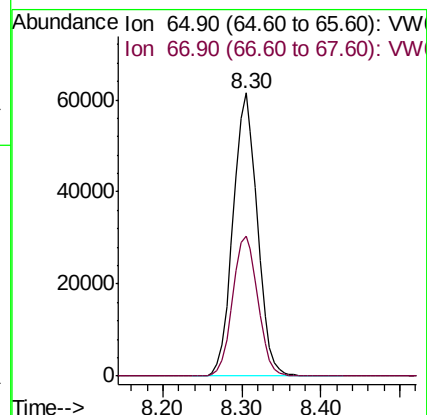
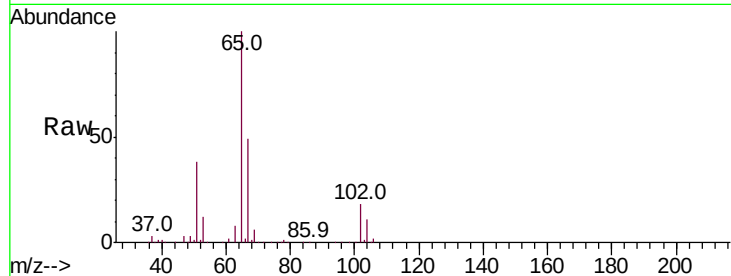




#33
 1,2-Dichloroethane-d4
 Concen: 52.788 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012540.D
 Acq: 03 Sep 2019 12:29

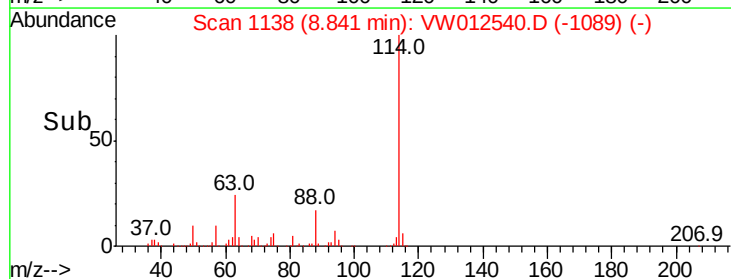
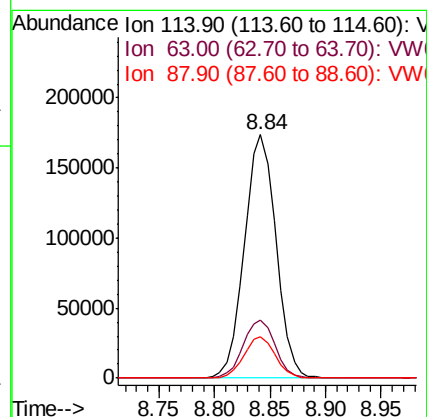
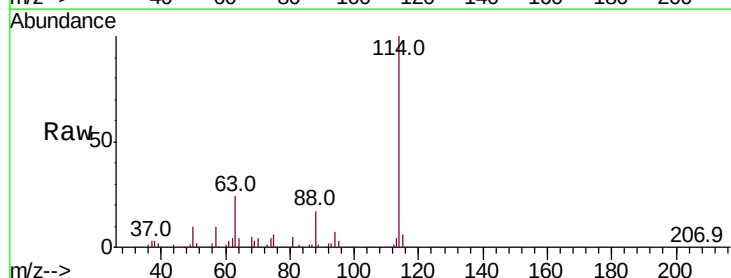
Instrument :
 MSVOA_W
 ClientSampleId :

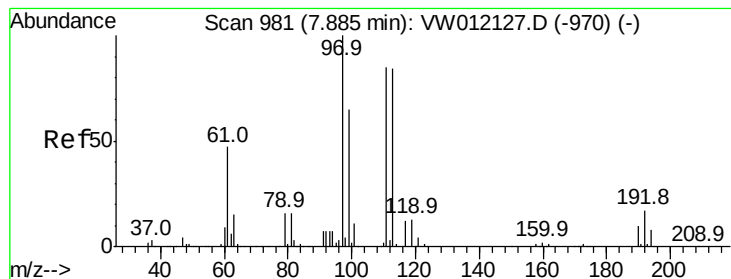
Tot Ion: 65 Resp: 131889
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012540.D
 Acq: 03 Sep 2019 12:29

Tgt Ion: 114 Resp: 343466
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012540.D

Acq: 03 Sep 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

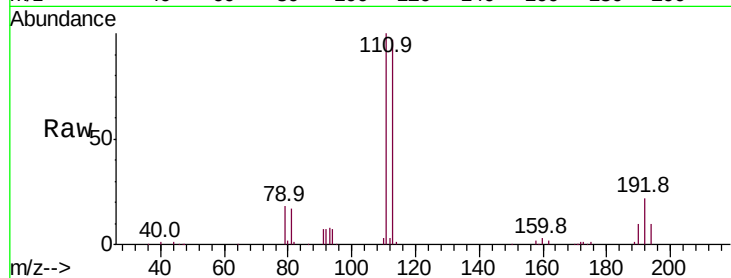
Tot Ion:113 Resp: 104569

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

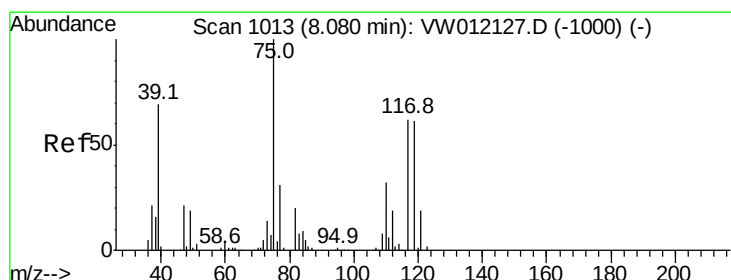
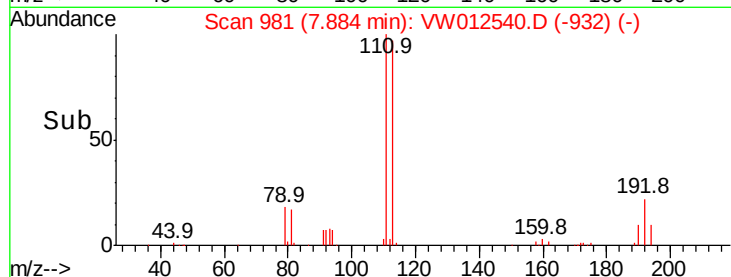
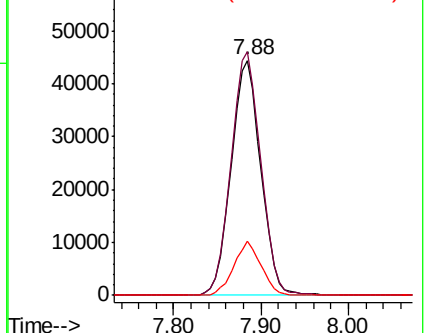
192 21.1 16.2 24.2



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: 5.023 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012540.D

Acq: 03 Sep 2019 12:29

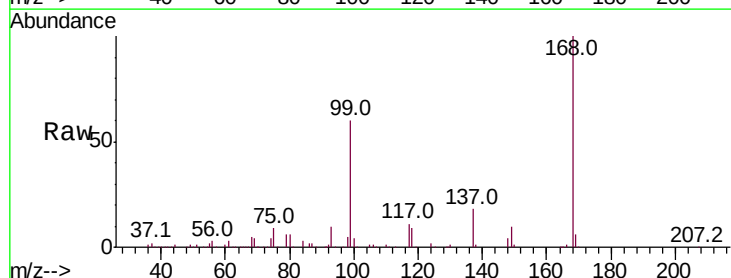
Tgt Ion: 75 Resp: 17827

Ion Ratio Lower Upper

75 100

110 9.2 15.6 46.8#

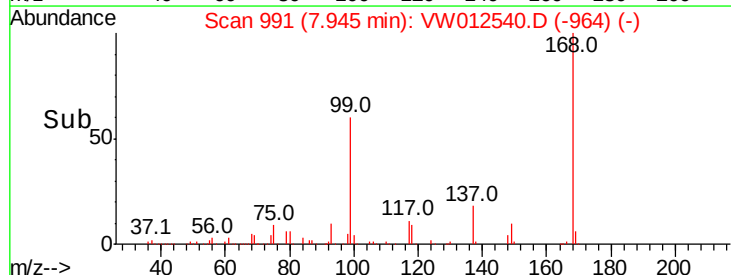
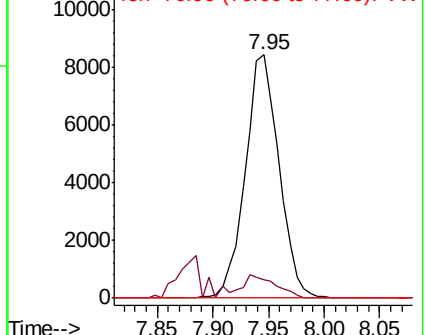
77 0.0 24.6 36.8#

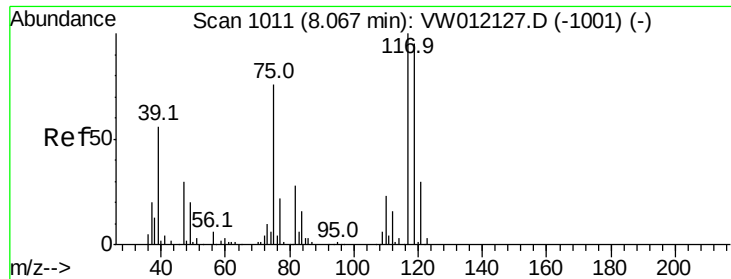


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.748 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012540.D

Acq: 03 Sep 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

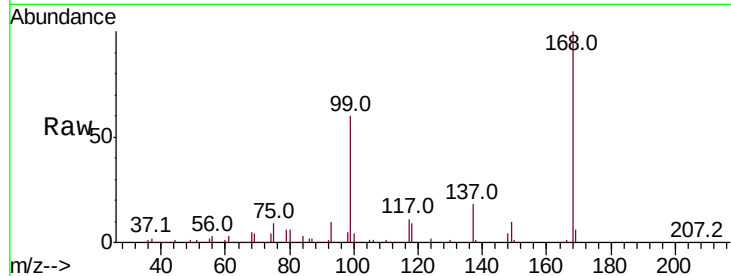
Tot Ion:117 Resp: 20730

Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

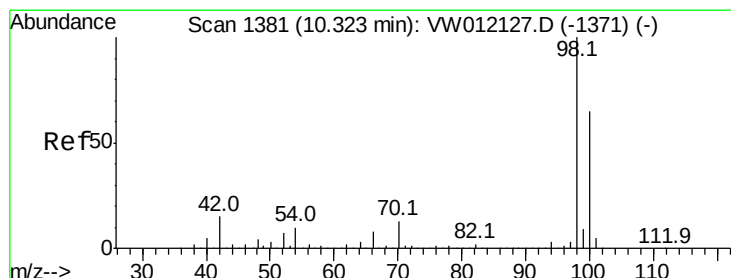
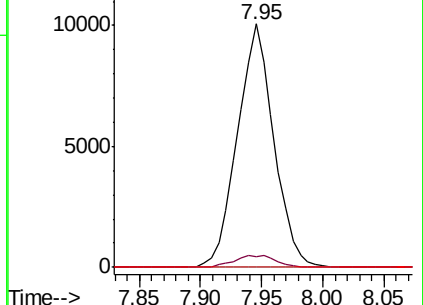
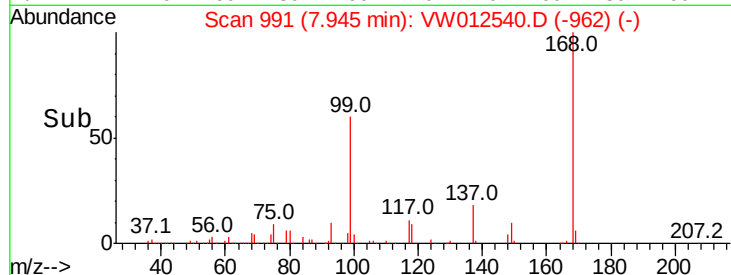
121 0.0 23.8 35.8#



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: 49.067 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012540.D

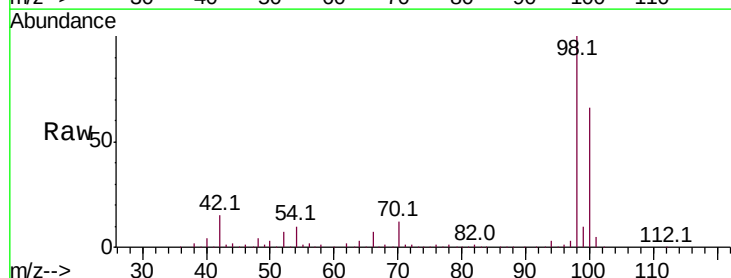
Acq: 03 Sep 2019 12:29

Tgt Ion: 98 Resp: 407882

Ion Ratio Lower Upper

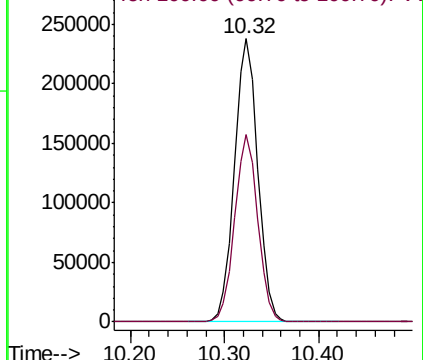
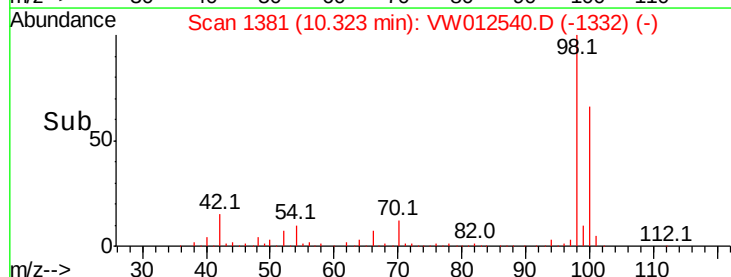
98 100

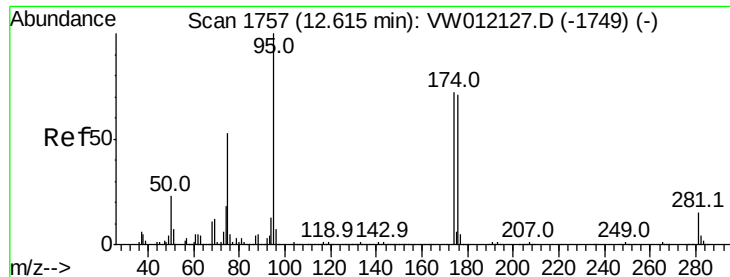
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

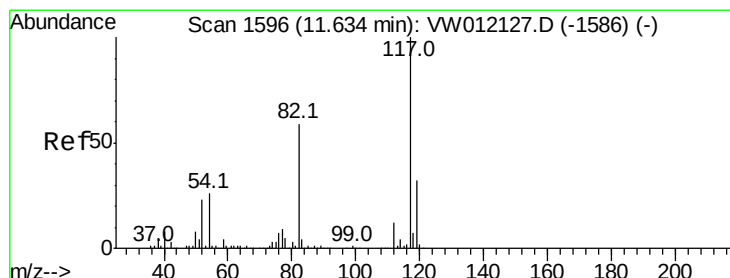
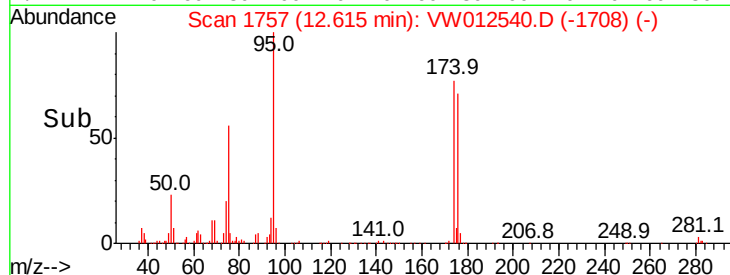
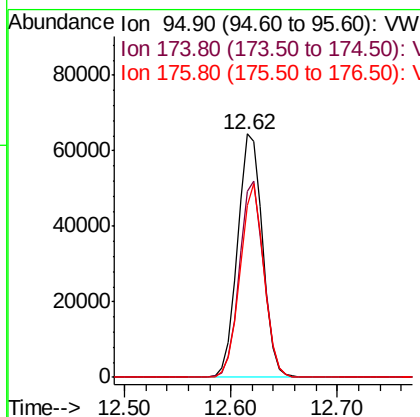
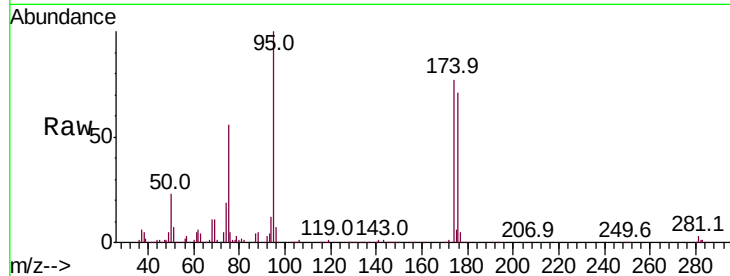




#62
4-Bromofluorobenzene
Concen: 36.322 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012540.D
Acq: 03 Sep 2019 12:29

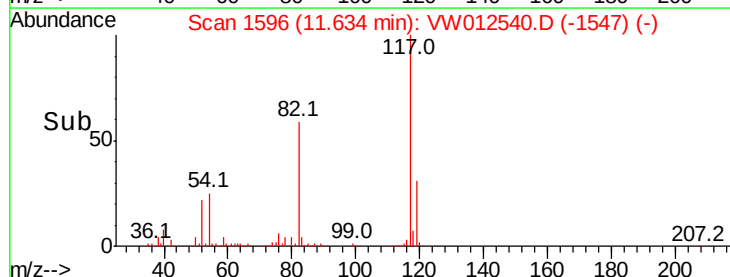
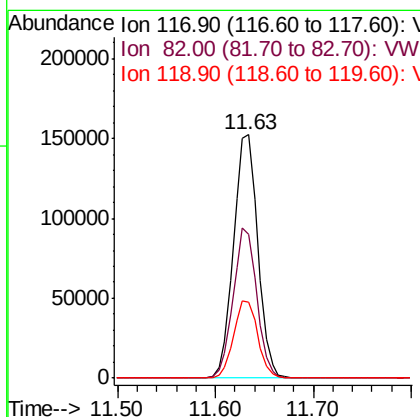
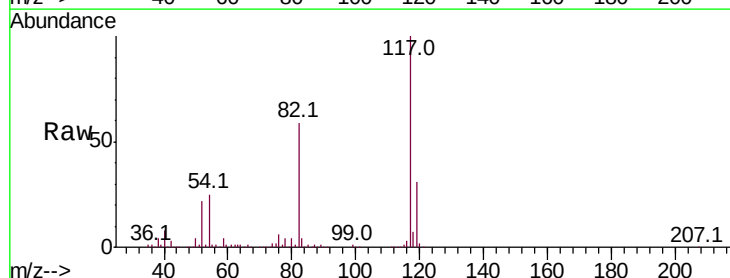
Instrument :
MSVOA_W
ClientSampleId :

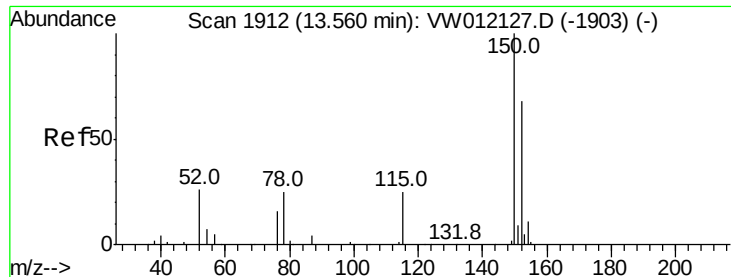
Tot Ion: 95 Resp: 106433
Ion Ratio Lower Upper
95 100
174 78.9 0.0 150.8
176 75.9 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012540.D
Acq: 03 Sep 2019 12:29

Tgt Ion: 117 Resp: 261754
Ion Ratio Lower Upper
117 100
82 59.2 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: VW012540.D

Acq: 03 Sep 2019 12:29

Instrument :

MSVOA_W

ClientSampled :

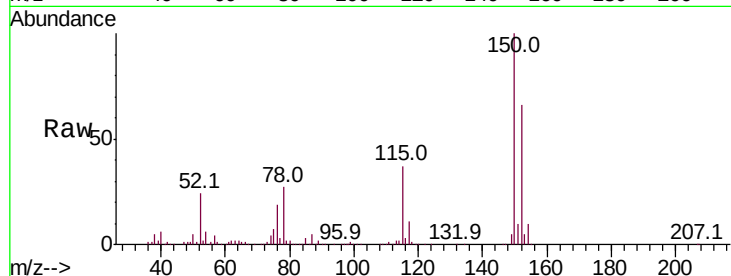
Tot Ion:152 Resp: 78426

Ion Ratio Lower Upper

152 100

115 58.9 30.1 90.3

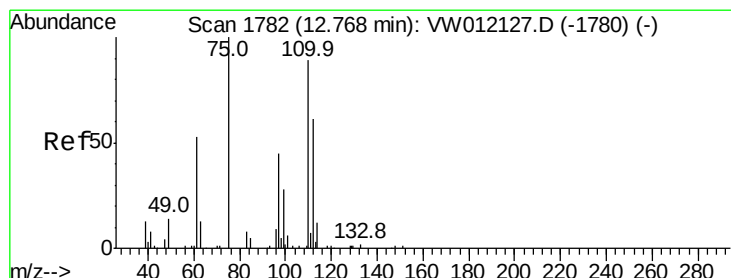
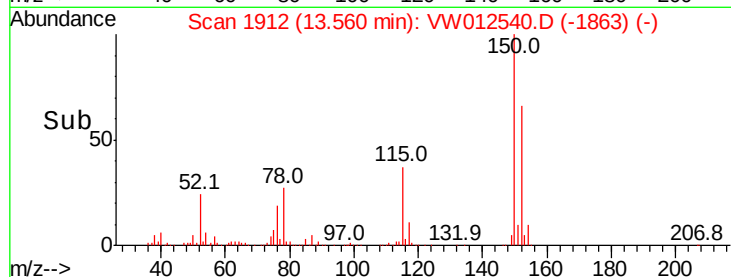
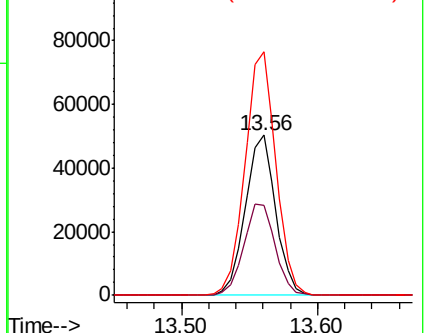
150 154.1 0.0 345.8



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: 75.699 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012540.D

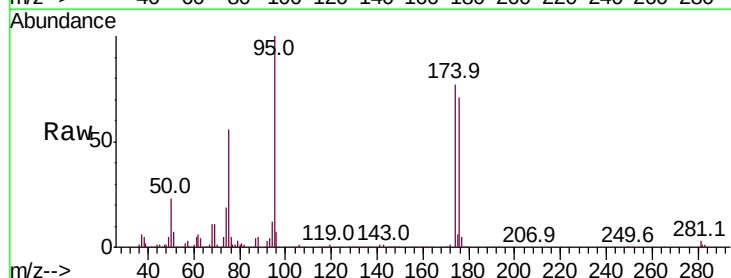
Acq: 03 Sep 2019 12:29

Tgt Ion: 75 Resp: 57820

Ion Ratio Lower Upper

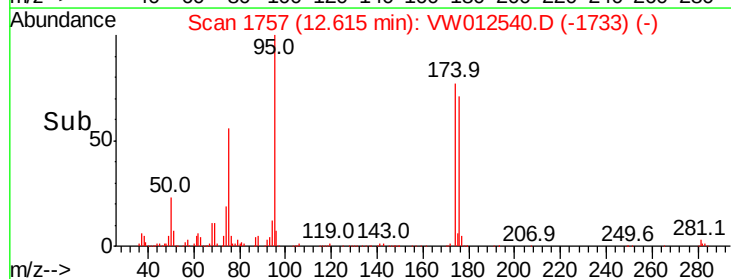
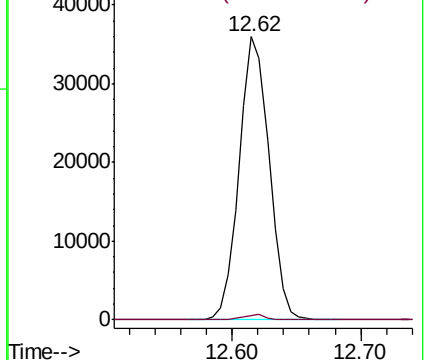
75 100

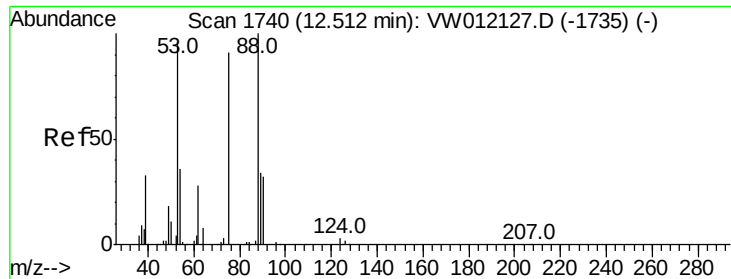
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

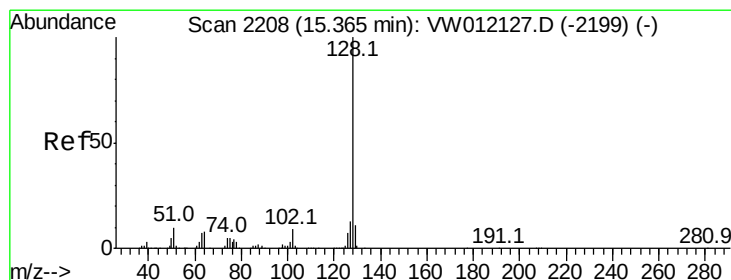
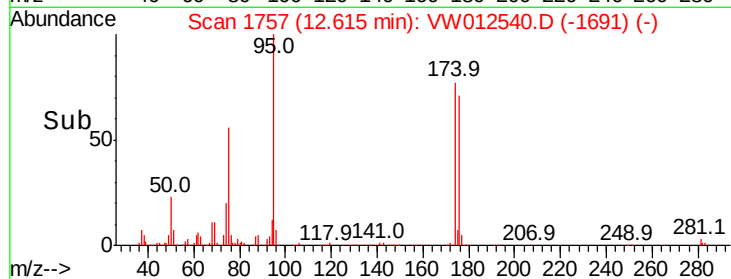
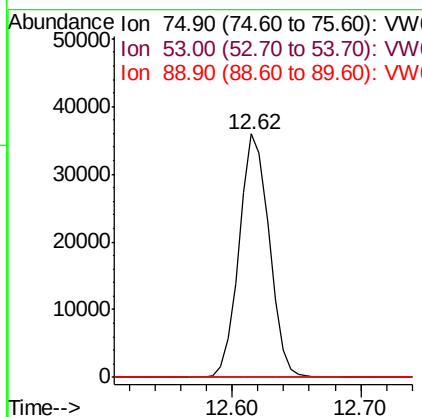
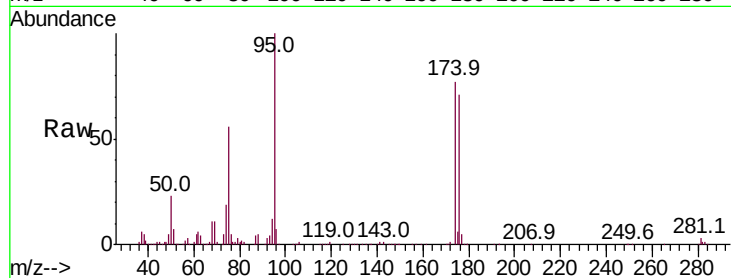




#81
trans-1,4-Dichloro-2-butene
Concen: 165.973 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012540.D
Acq: 03 Sep 2019 12:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 57820
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.489 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012540.D
Acq: 03 Sep 2019 12:29

Tgt Ion: 128 Resp: 543
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

