

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012641.D
 Acq On : 05 Sep 2019 15:28
 Operator : SY/VA
 Sample : K4639-05
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 05 16:07:40 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

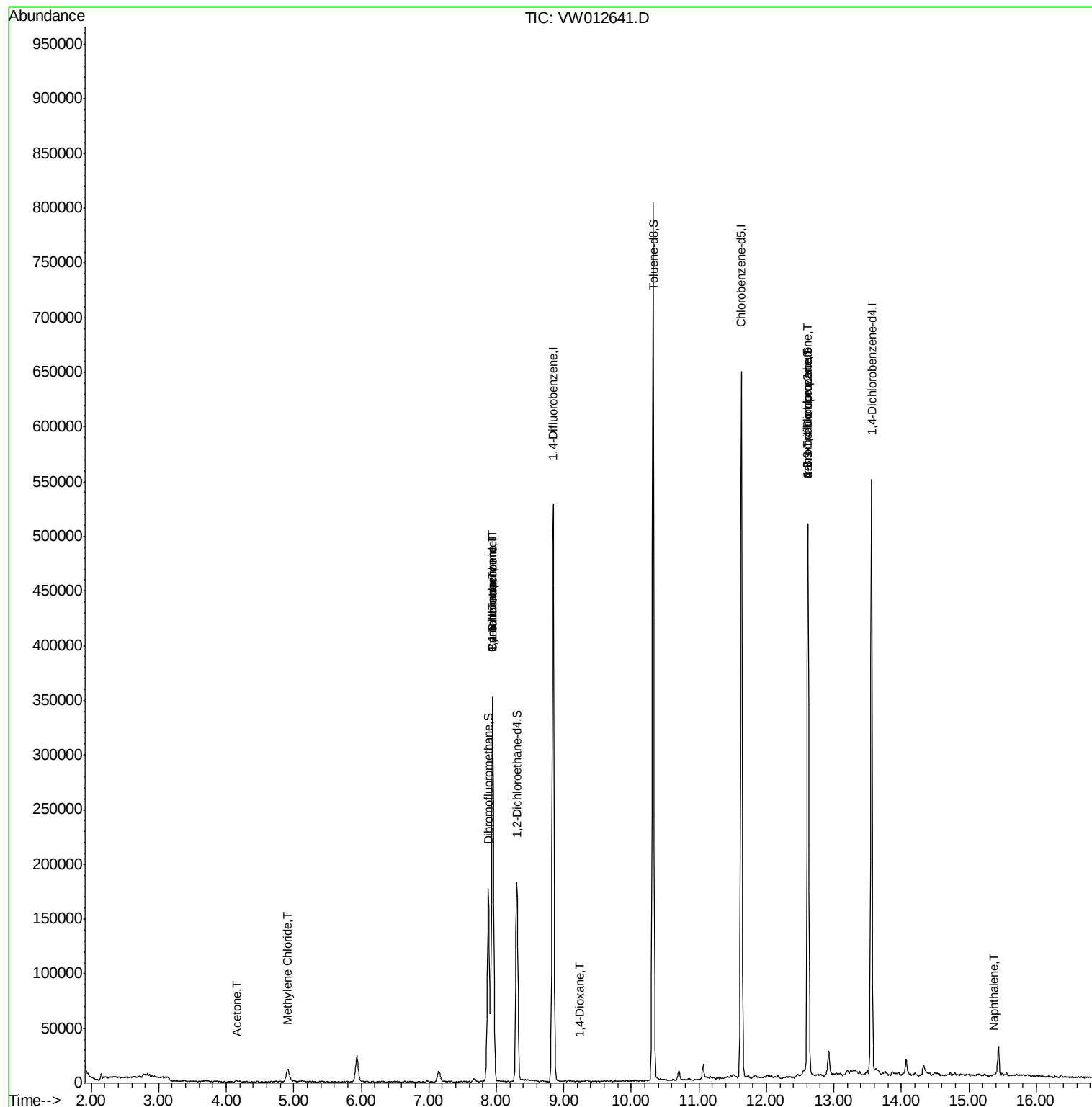
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152041	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.88	113	123804	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.32	98	500496	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	162128	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	2213	2.806	ug/l #	88
20) Methylene Chloride	4.91	84	8993	3.016	ug/l	88
31) Cyclohexane	7.95	56	6161	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21714	5.071	ug/l #	53
38) Carbon Tetrachloride	7.95	117	25699	6.934	ug/l #	16
49) 1,4-Dioxane	9.23	88	33	1.540	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	86977	64.210	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86977	140.782	ug/l #	6
95) Naphthalene	15.38	128	1149	4.521	ug/l	96

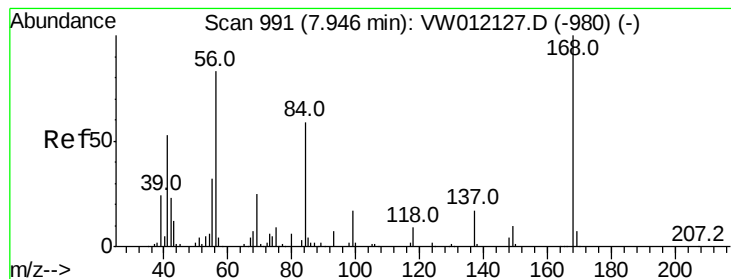
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012641.D

Acq: 05 Sep 2019 15:28

Instrument :

MSVOA_W

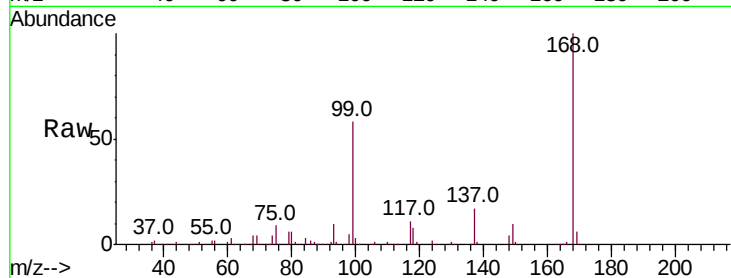
ClientSampleId :

Tot Ion:168 Resp: 259581

Ion Ratio Lower Upper

168 100

99 58.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

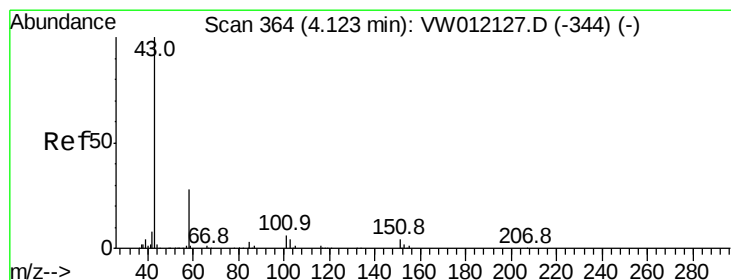
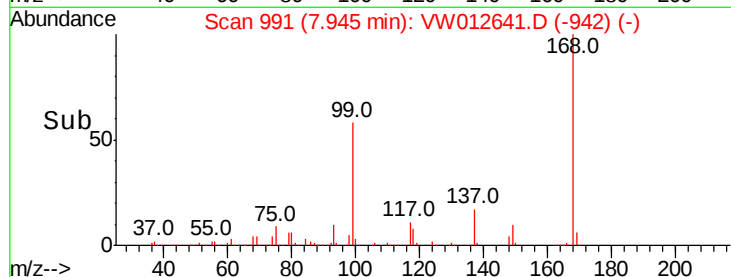
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 2.806 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012641.D

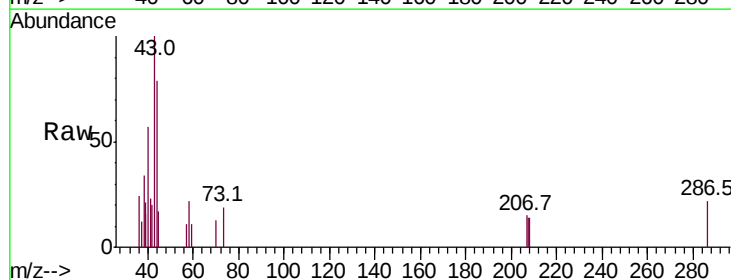
Acq: 05 Sep 2019 15:28

Tgt Ion: 43 Resp: 2213

Ion Ratio Lower Upper

43 100

58 21.6 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

500

400

300

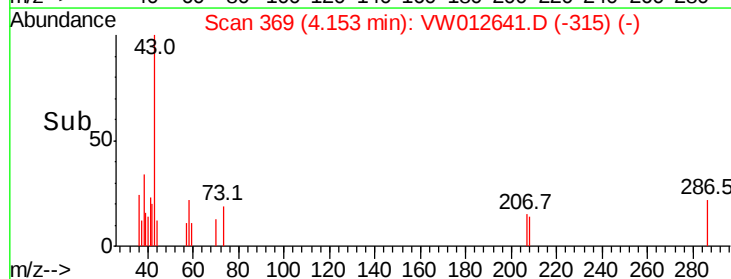
200

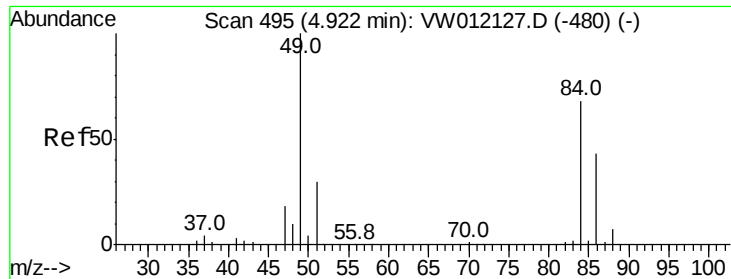
100

0

4.10 4.20

Time-->

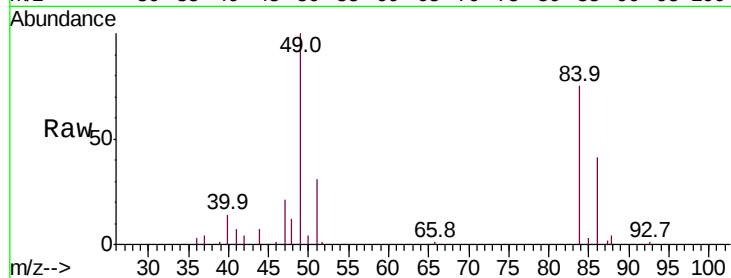




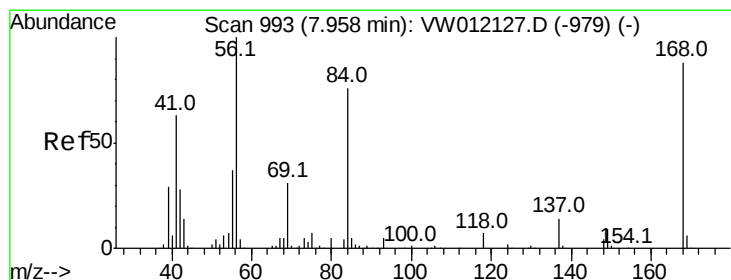
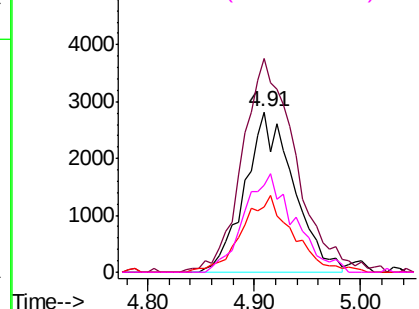
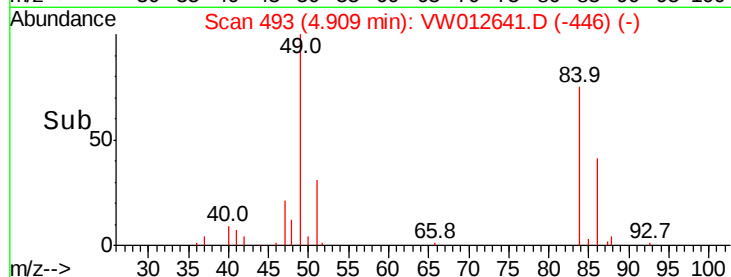
#20
Methylene Chloride
Concen: 3.016 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012641.D
Acq: 05 Sep 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 8993
Ion Ratio Lower Upper
84 100
49 130.7 117.8 176.8
51 39.2 35.6 53.4
86 54.2 51.2 76.8

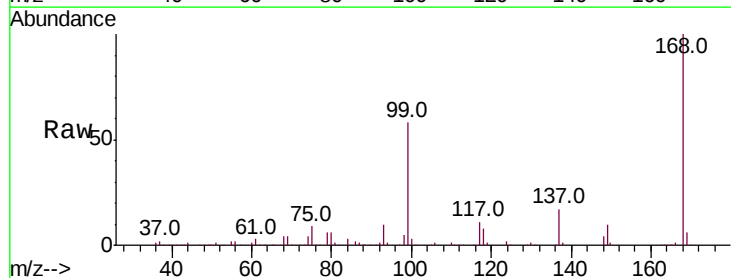


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

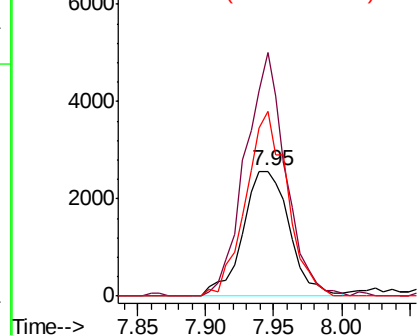
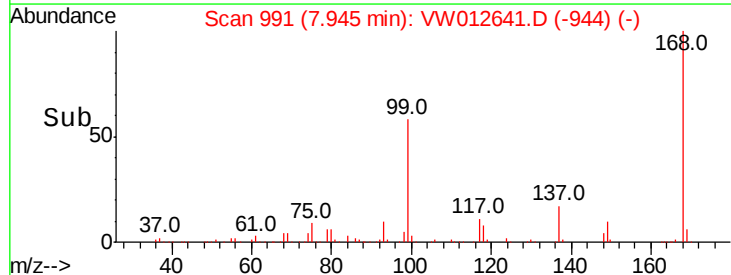


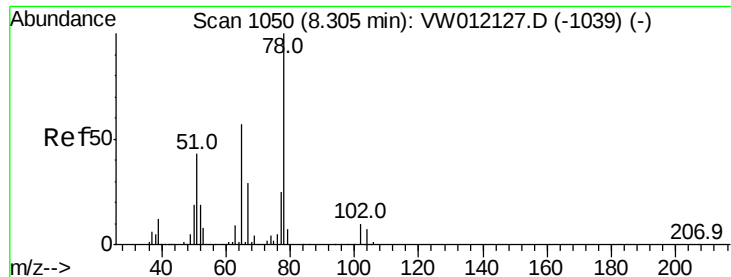
#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012641.D
Acq: 05 Sep 2019 15:28

Tgt Ion: 56 Resp: 6161
Ion Ratio Lower Upper
56 100
69 195.0 24.9 37.3#
84 148.0 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

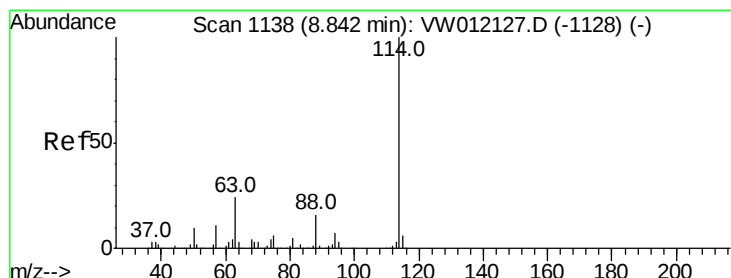
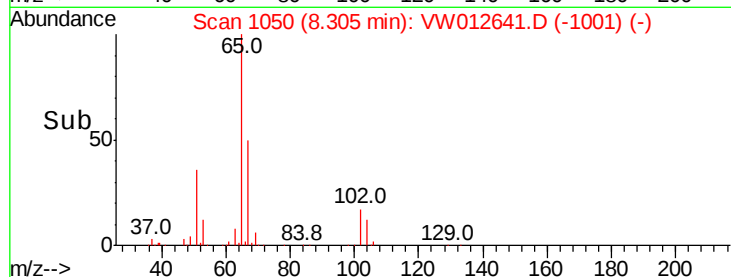
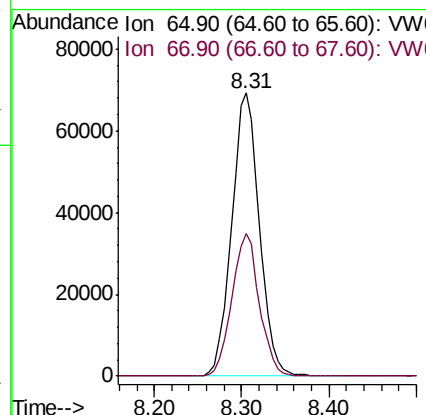
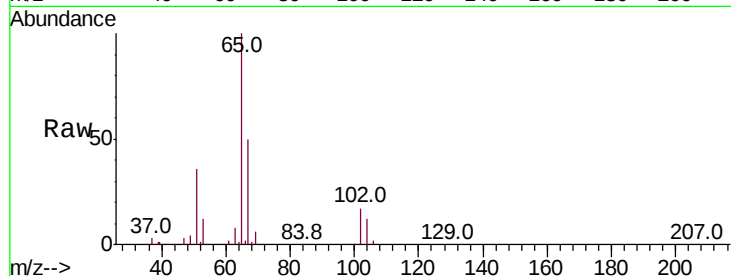




#33
 1,2-Dichloroethane-d4
 Concen: 49.271 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012641.D
 Acq: 05 Sep 2019 15:28

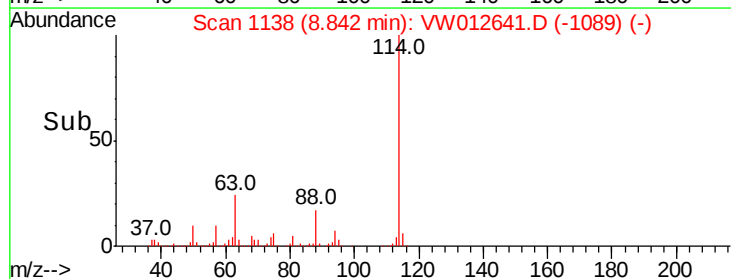
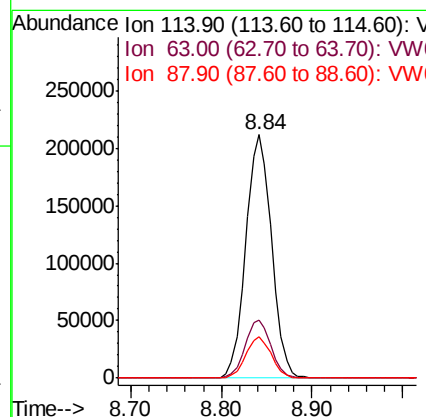
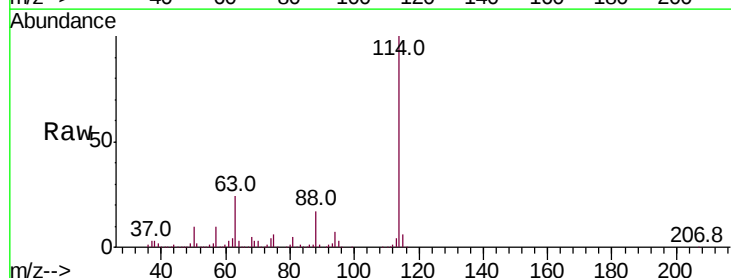
Instrument :
 MSVOA_W
 ClientSampleId :

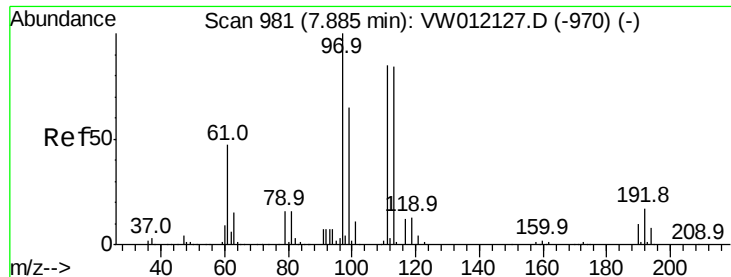
Tot Ion: 65 Resp: 152041
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012641.D
 Acq: 05 Sep 2019 15:28

Tgt Ion: 114 Resp: 414381
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.6
 88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

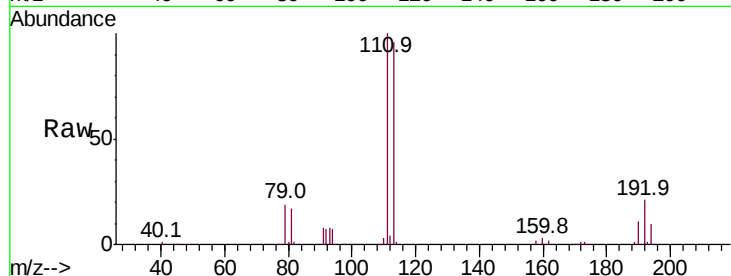
Tot Ion:113 Resp: 123804

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

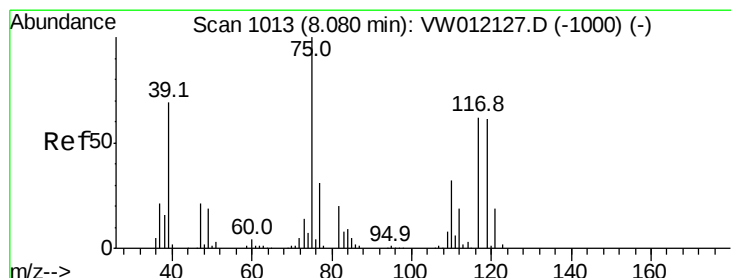
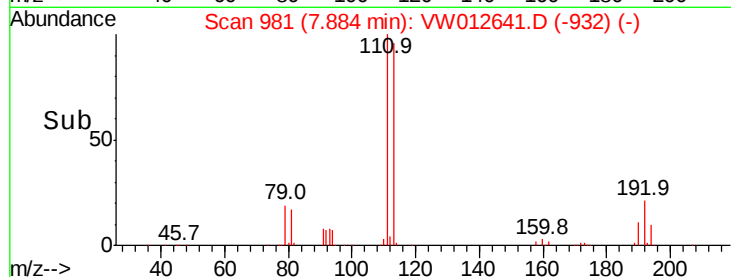
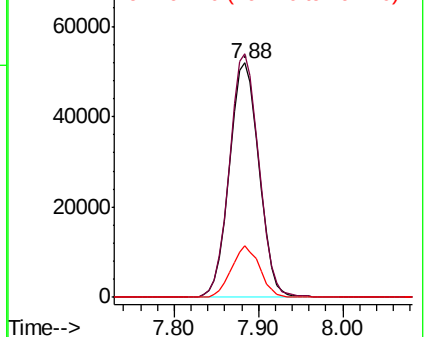
192 21.0 16.2 24.2



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: 5.071 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

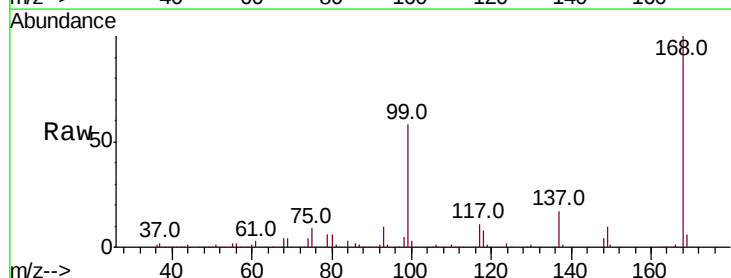
Tgt Ion: 75 Resp: 21714

Ion Ratio Lower Upper

75 100

110 9.7 15.6 46.8#

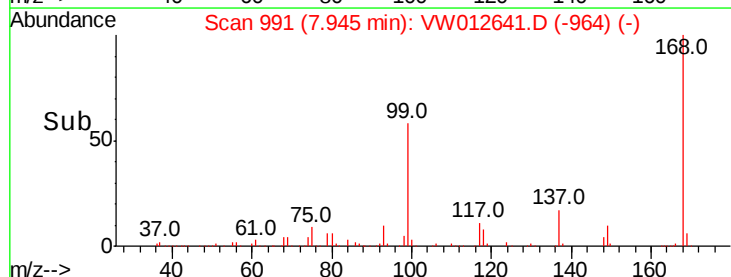
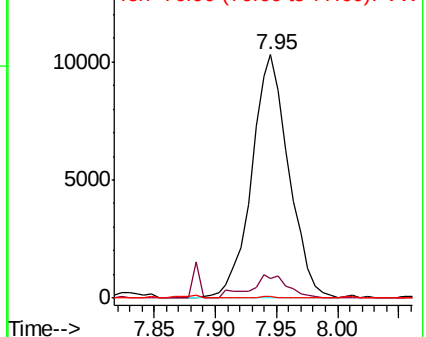
77 0.2 24.6 36.8#

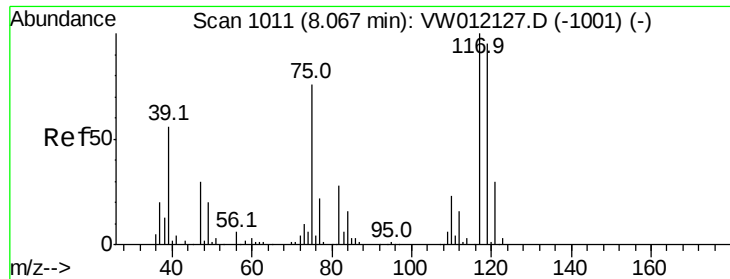


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.934 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

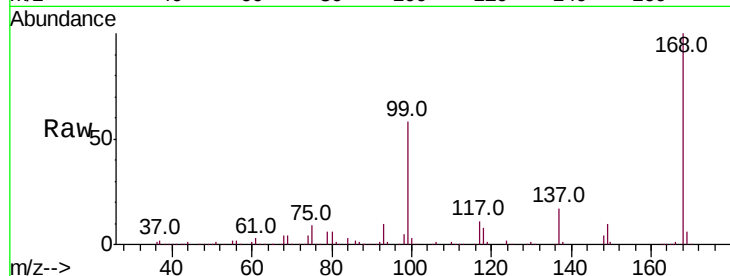
Tot Ion:117 Resp: 25699

Ion Ratio Lower Upper

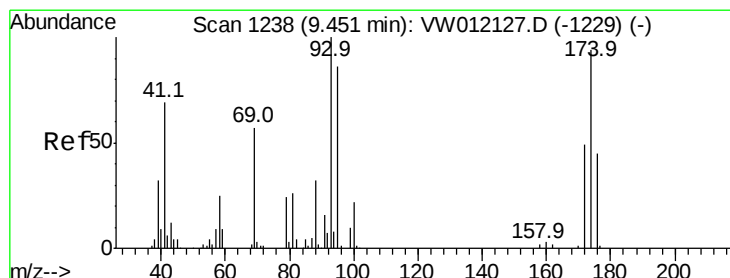
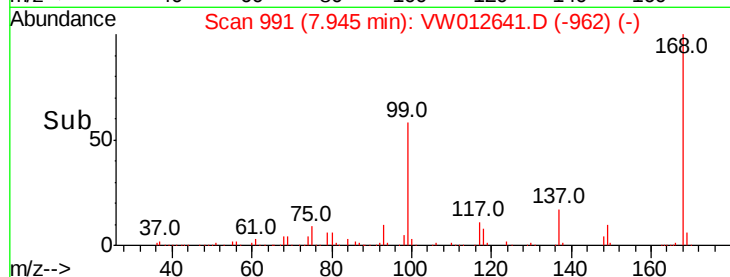
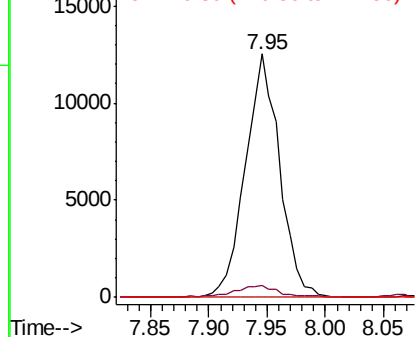
117 100

119 5.0 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



#49

1,4-Dioxane

Concen: 1.540 ug/l

RT: 9.23 min Scan# 1202

Delta R.T. -0.22 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

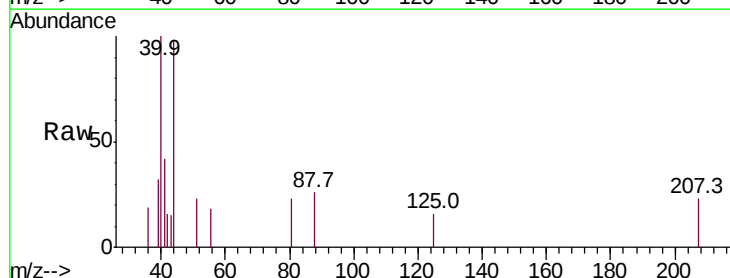
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

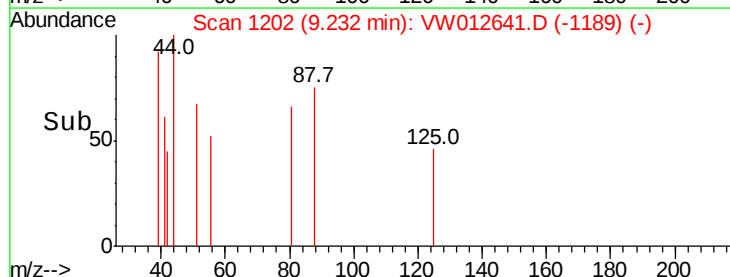
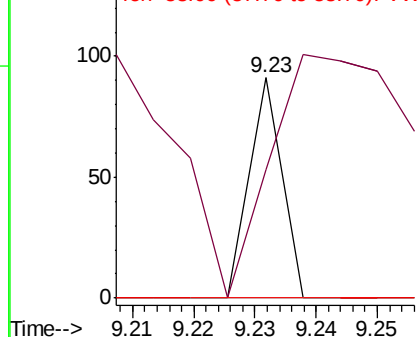
88 100

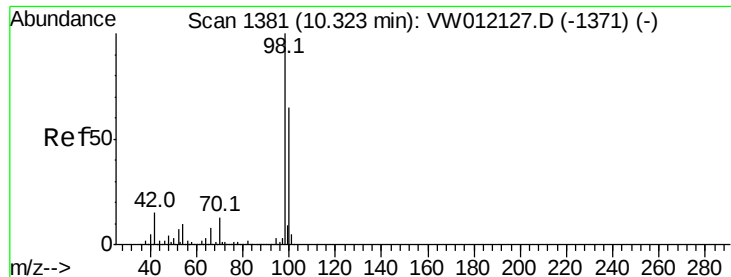
43 460.6 32.9 49.3#

58 0.0 71.0 106.4#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

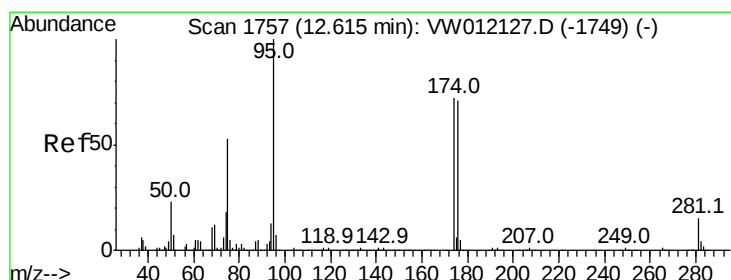
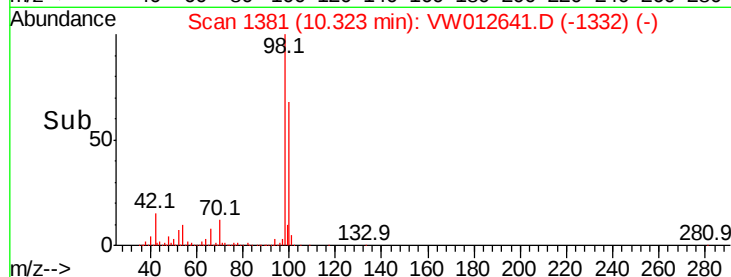
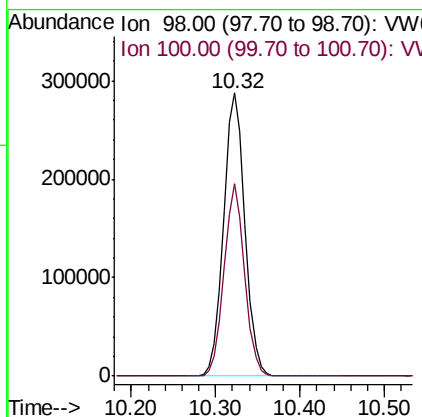
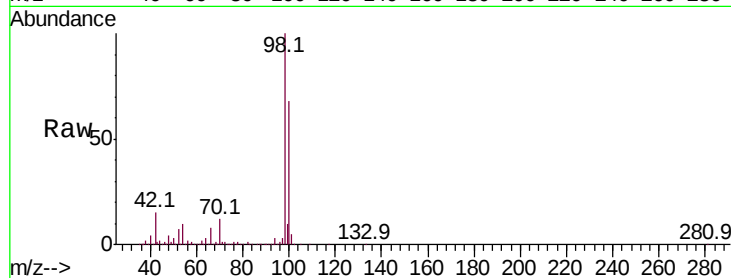




#50
Toluene-d8
Concen: 49.904 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012641.D
Acq: 05 Sep 2019 15:28

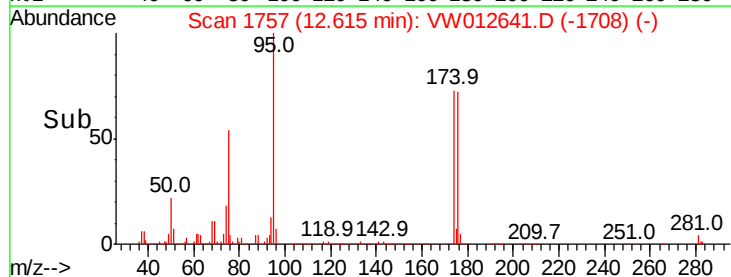
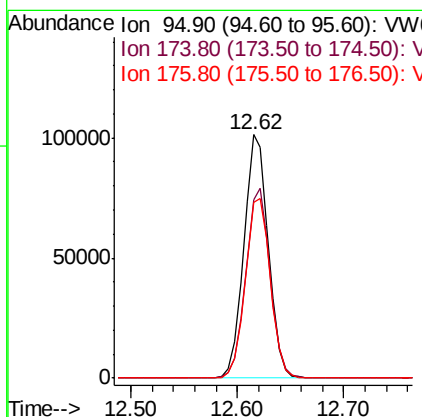
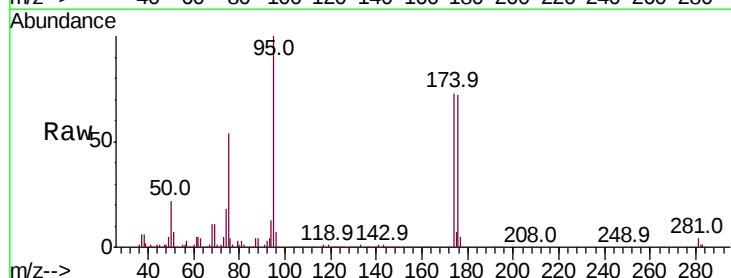
Instrument :
MSVOA_W
ClientSampleId :

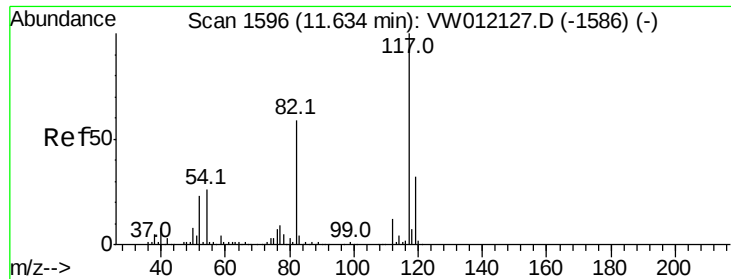
Tot Ion: 98 Resp: 500496
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.860 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012641.D
Acq: 05 Sep 2019 15:28

Tgt Ion: 95 Resp: 162128
Ion Ratio Lower Upper
95 100
174 78.2 0.0 150.8
176 76.0 0.0 148.6

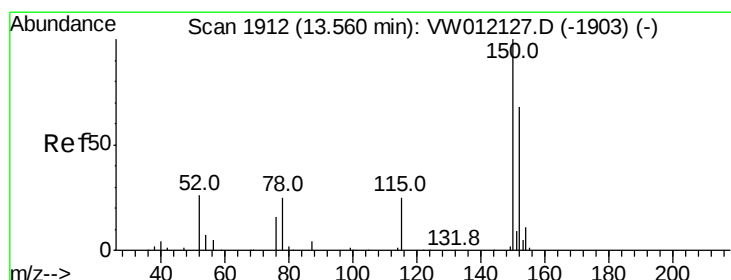
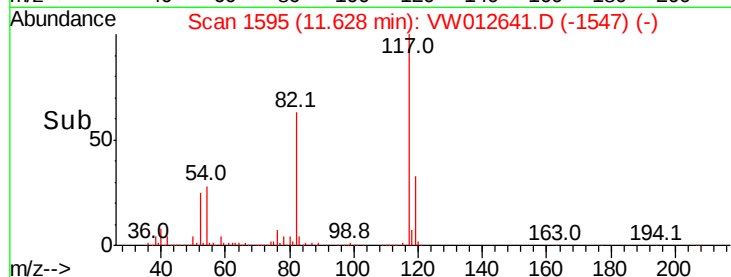
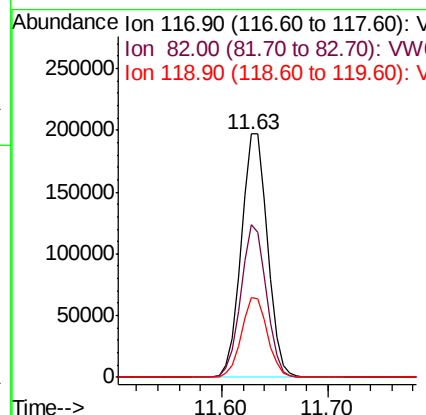
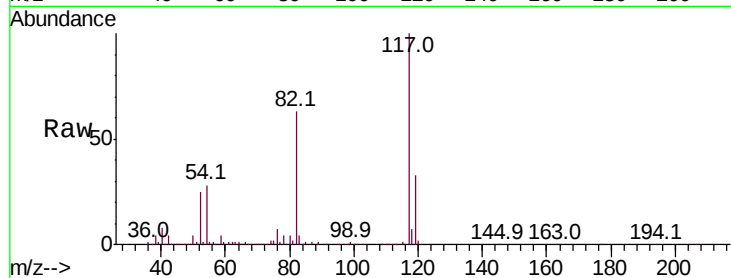




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012641.D
Acq: 05 Sep 2019 15:28

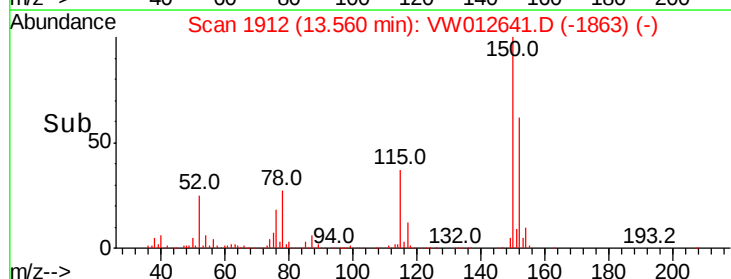
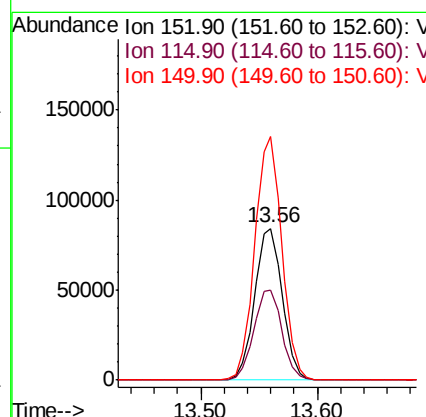
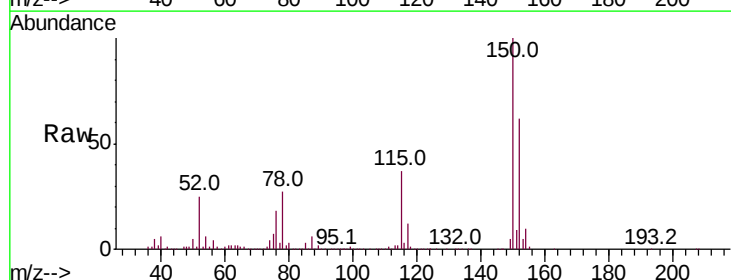
Instrument :
MSVOA_W
ClientSampleId :

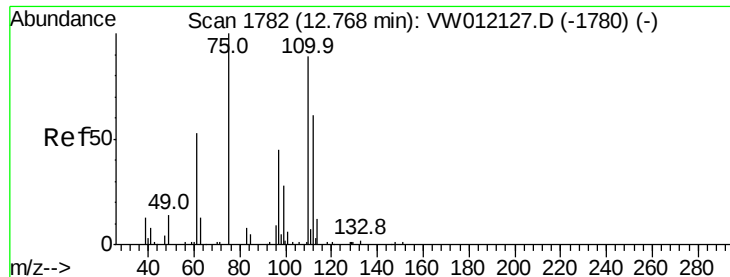
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	47.4	71.2
119	32.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012641.D
Acq: 05 Sep 2019 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.1	90.3
150	157.6	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 64.210 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

Instrument :

MSVOA_W

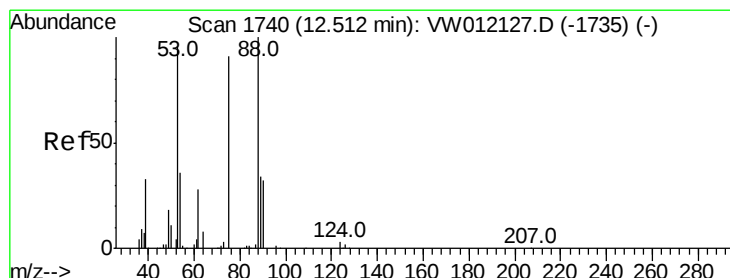
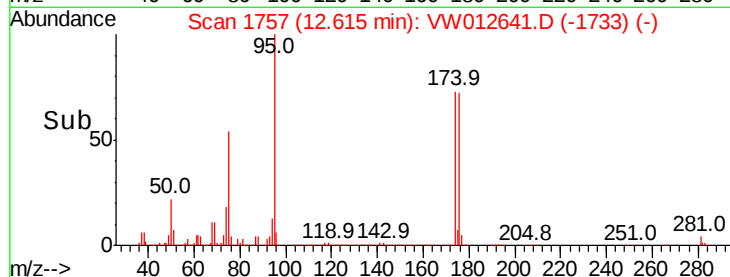
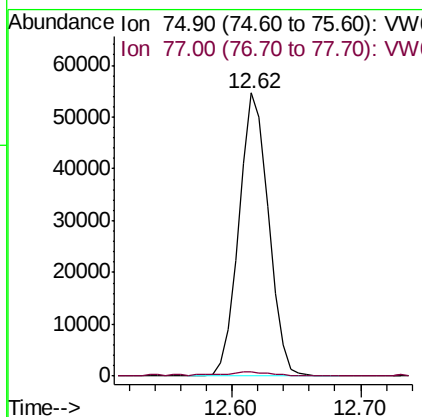
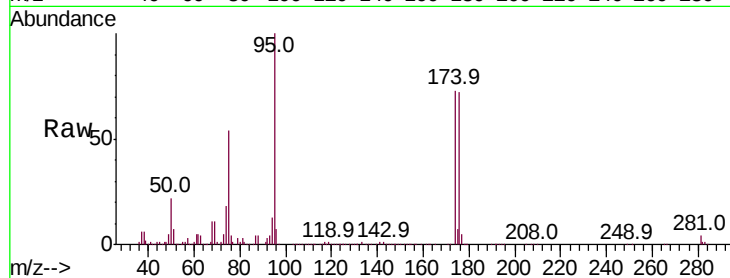
ClientSampled :

Tot Ion: 75 Resp: 86977

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.782 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

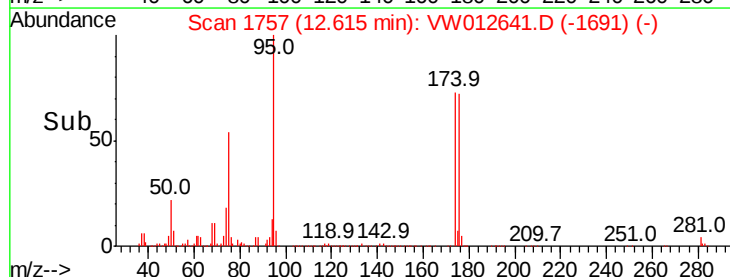
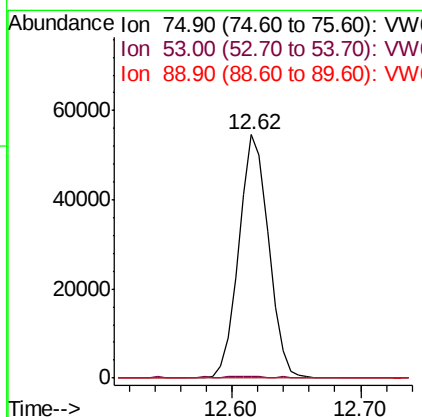
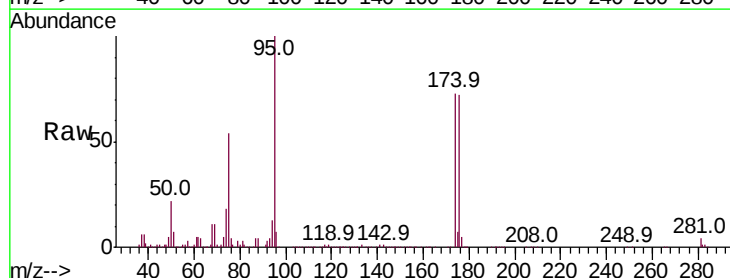
Tgt Ion: 75 Resp: 86977

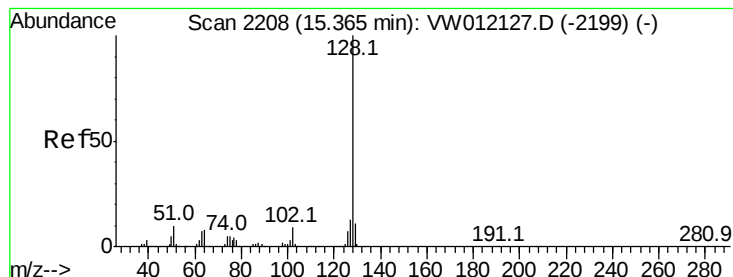
Ion Ratio Lower Upper

75 100

53 0.4 89.4 134.0#

89 0.2 34.5 51.7#





#95

Naphthalene

Concen: 4.521 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW012641.D

Acq: 05 Sep 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

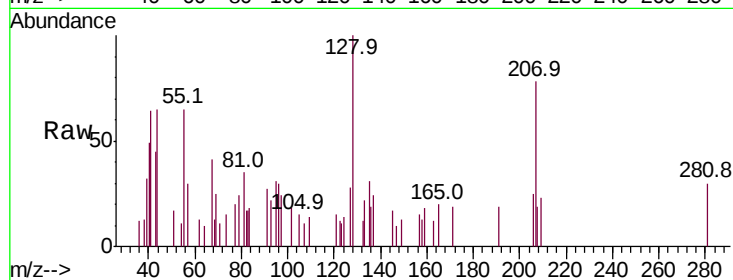
Tot Ion:128 Resp: 1149

Ion Ratio Lower Upper

128 100

127 15.7 10.7 16.1

129 11.2 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

