

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012319.D
 Acq On : 29 Aug 2019 23:23
 Operator : SY/VA
 Sample : VW0829SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBL02

Quant Time: Aug 30 06:53:05 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

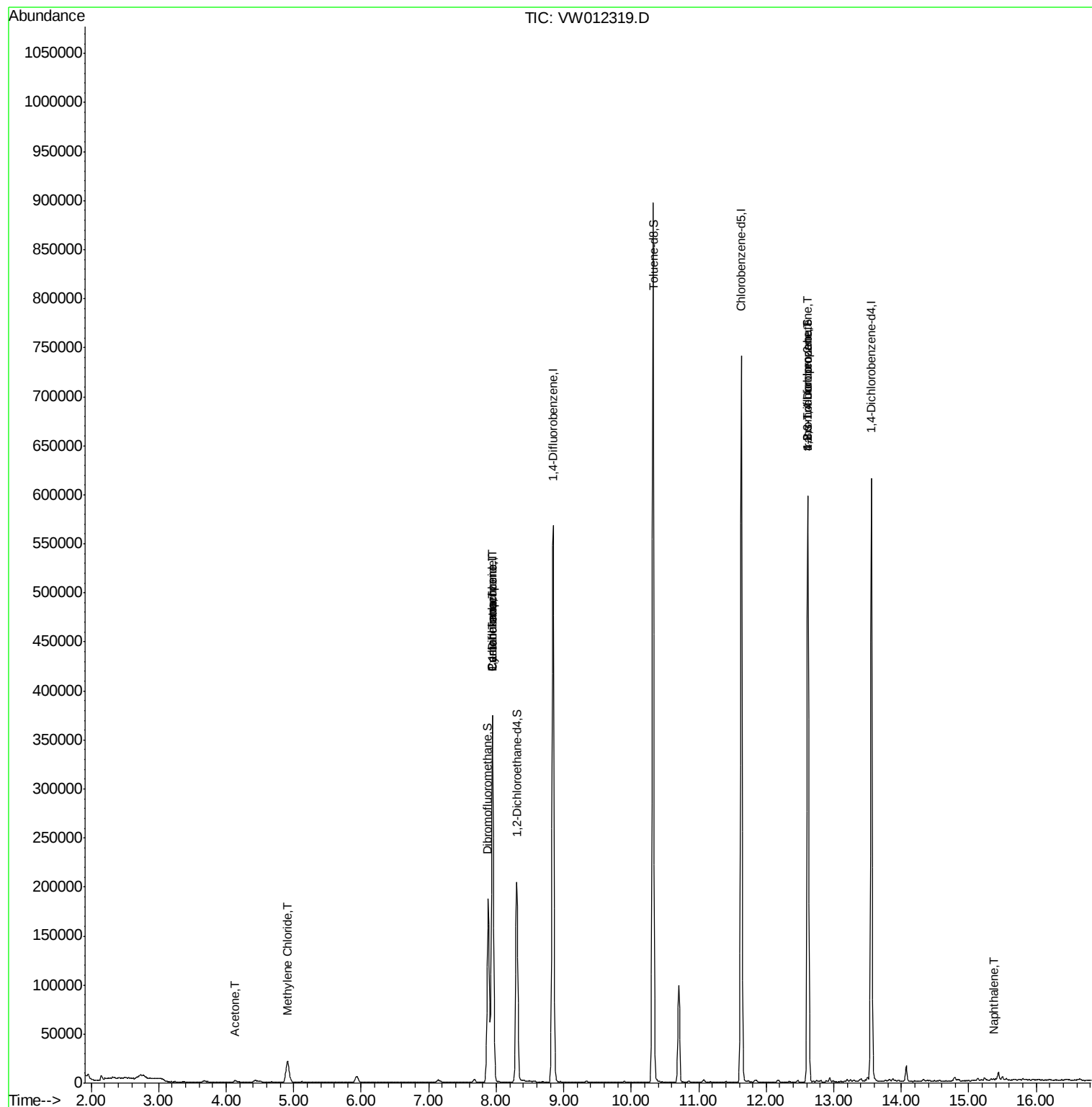
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166679	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
35) Dibromofluoromethane	7.88	113	134051	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.32	98	557950	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	185198	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	3309	3.942	ug/l #	75
20) Methylene Chloride	4.91	84	15075	4.751	ug/l	99
31) Cyclohexane	7.94	56	7049	1.192	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	23540	5.056	ug/l #	52
38) Carbon Tetrachloride	7.95	117	26622	6.606	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	99295	65.675	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	99295	143.995	ug/l #	6
95) Naphthalene	15.36	128	1591	4.569	ug/l #	92

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBL02

Quant Time: Aug 30 00:59:14 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: VW012319.D

Acq: 29 Aug 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

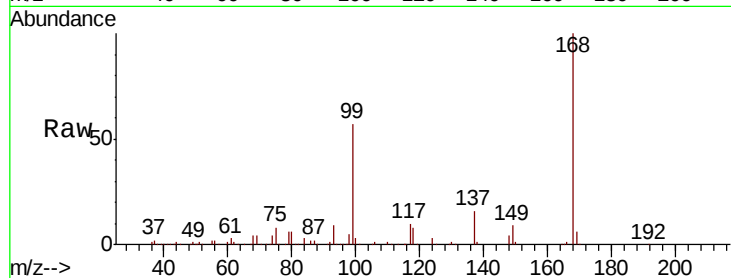
VW0829SBL02

Tgt Ion:168 Resp: 276239

Ion Ratio Lower Upper

168 100

99 57.4 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

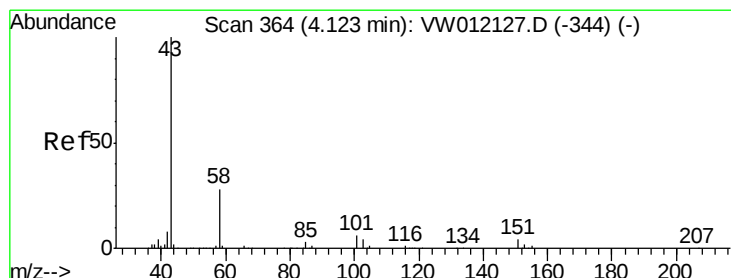
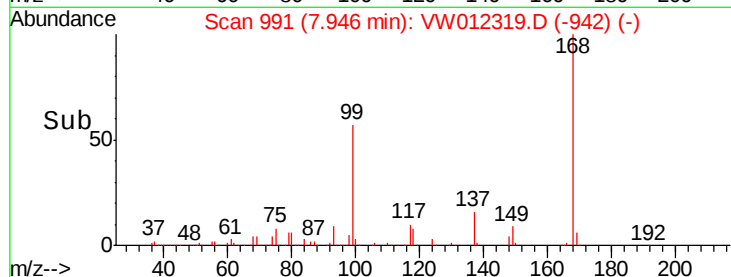
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.942 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012319.D

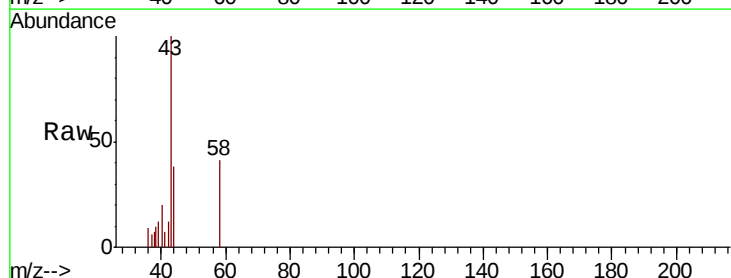
Acq: 29 Aug 2019 23:23

Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

43 100

58 40.9 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1000

800

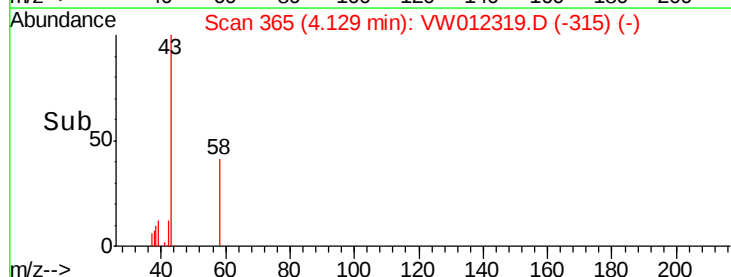
600

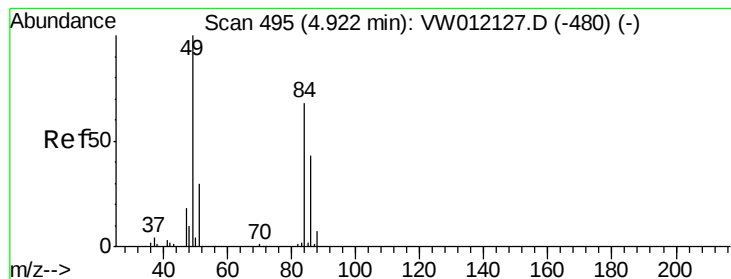
400

200

0

Time--> 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 4.751 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012319.D

Acq: 29 Aug 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBL02

Tgt Ion: 84 Resp: 15075

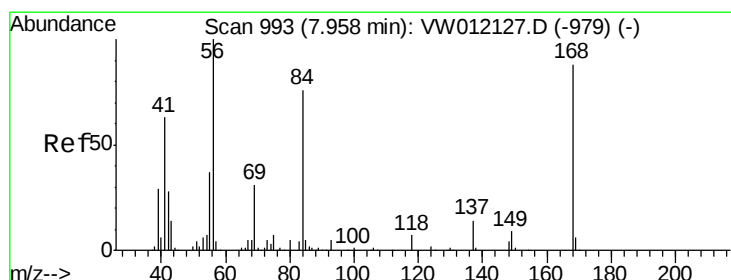
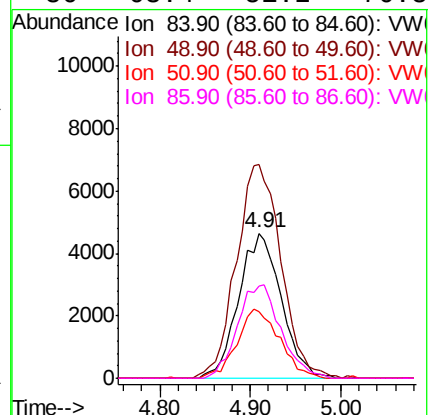
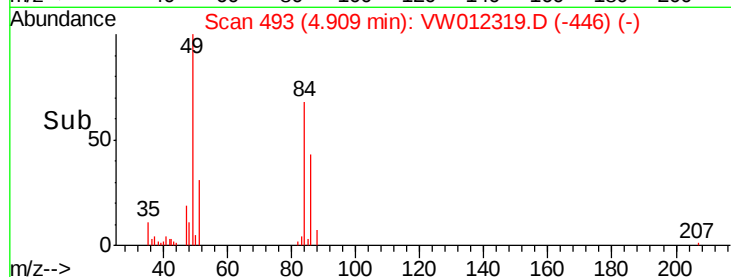
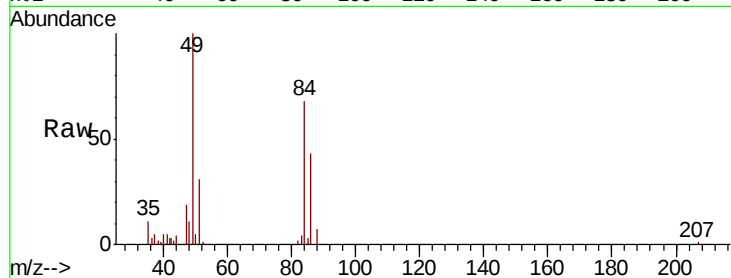
Ion Ratio Lower Upper

84 100

49 147.5 117.8 176.8

51 46.1 35.6 53.4

86 63.4 51.2 76.8



#31

Cyclohexane

Concen: 1.192 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012319.D

Acq: 29 Aug 2019 23:23

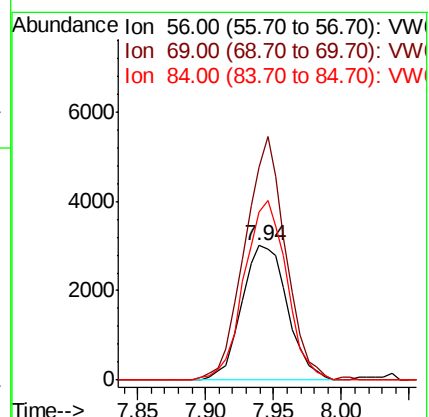
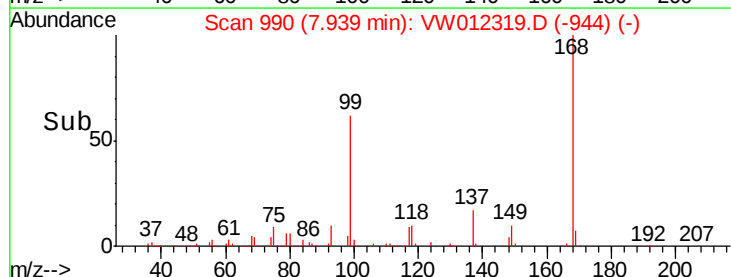
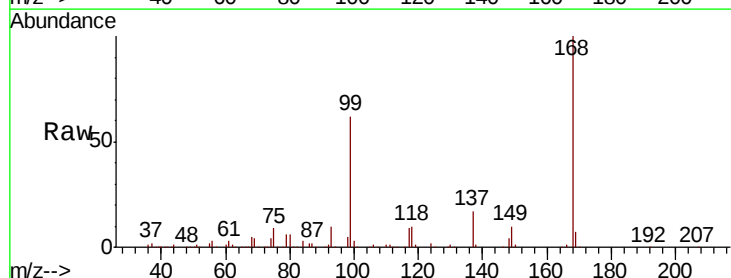
Tgt Ion: 56 Resp: 7049

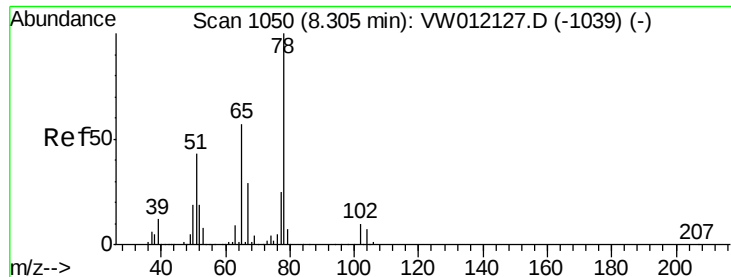
Ion Ratio Lower Upper

56 100

69 158.0 24.9 37.3#

84 125.1 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 50.758 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012319.D

Acq: 29 Aug 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

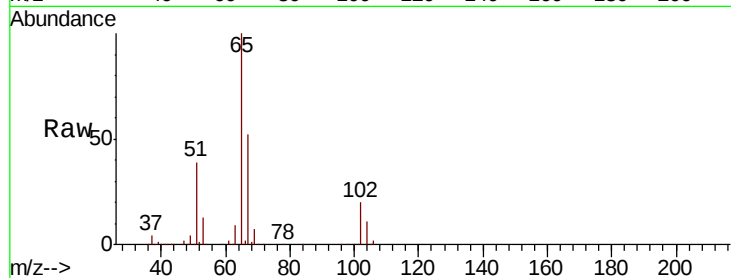
VW0829SBL02

Tgt Ion: 65 Resp: 166679

Ion Ratio Lower Upper

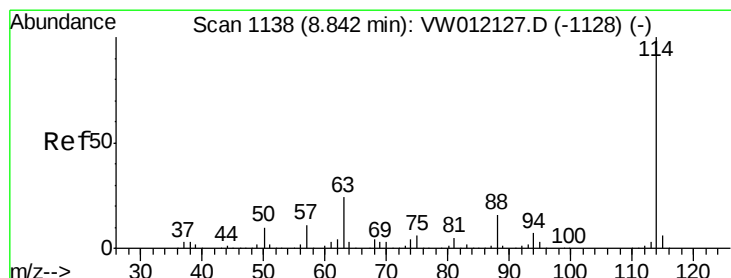
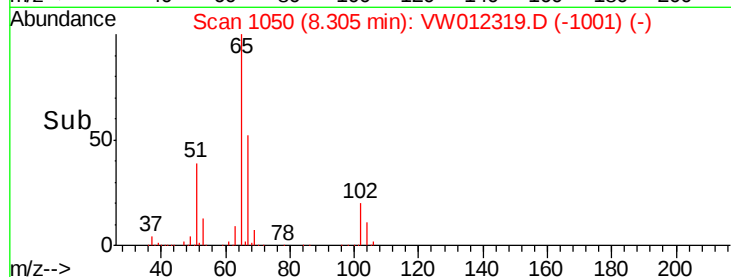
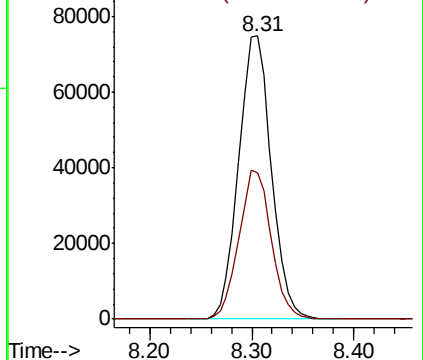
65 100

67 52.0 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: VW012319.D

Acq: 29 Aug 2019 23:23

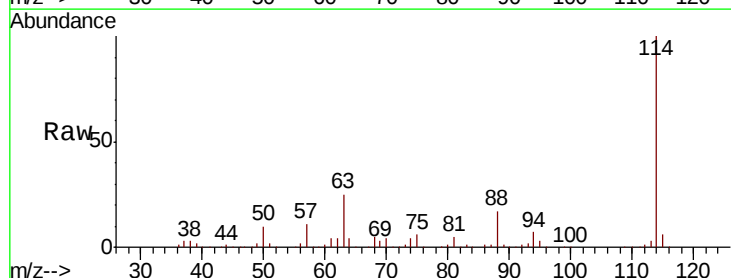
Tgt Ion: 114 Resp: 450580

Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.6

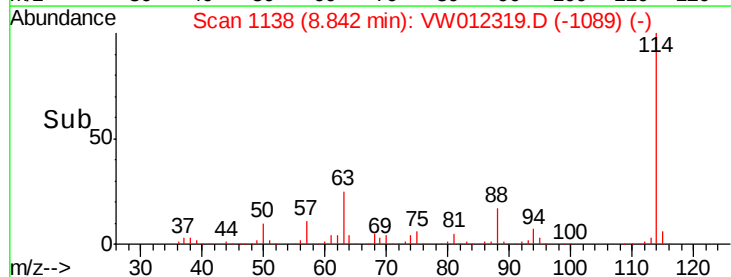
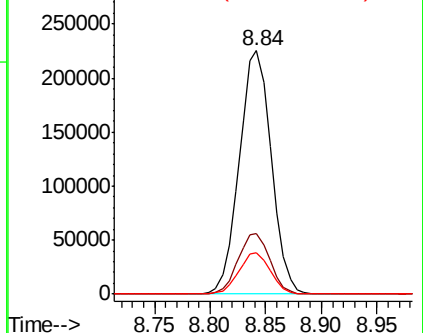
88 16.8 0.0 32.2

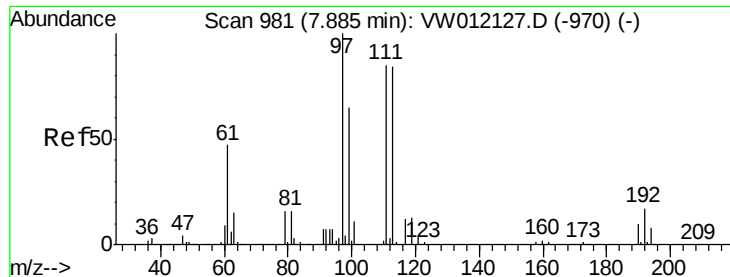


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

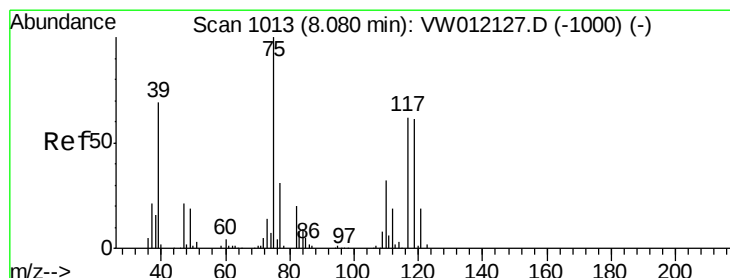
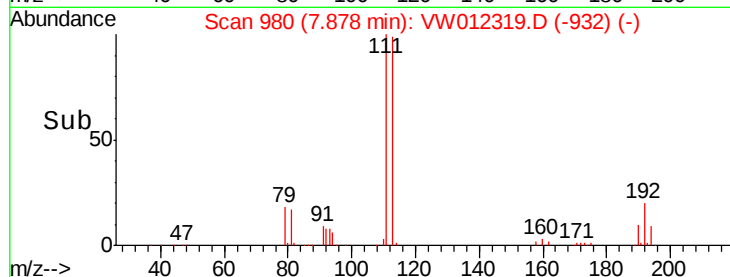
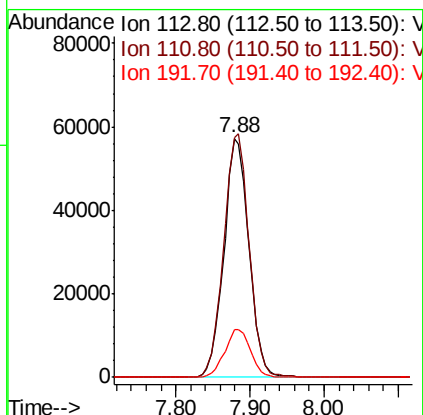
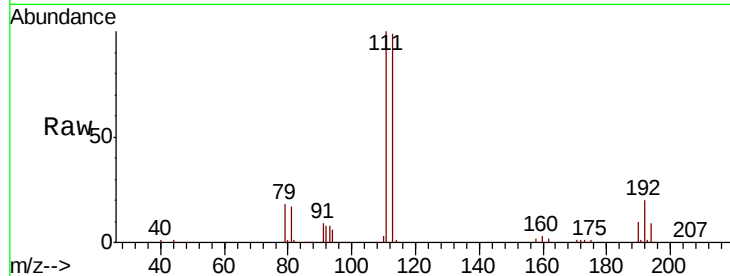




#35
 Dibromofluoromethane
 Concen: 49.842 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012319.D
 Acq: 29 Aug 2019 23:23

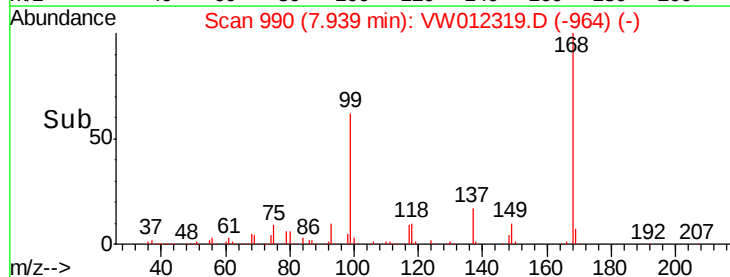
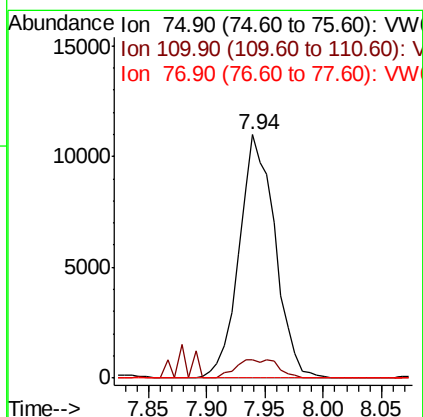
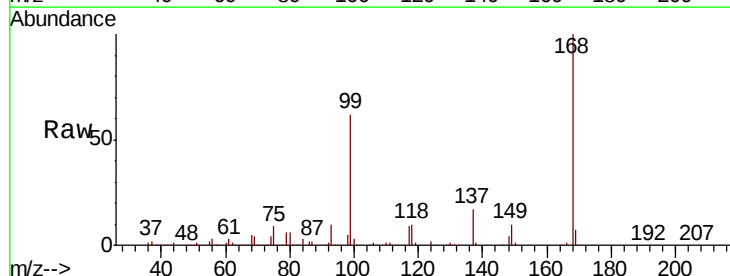
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBL02

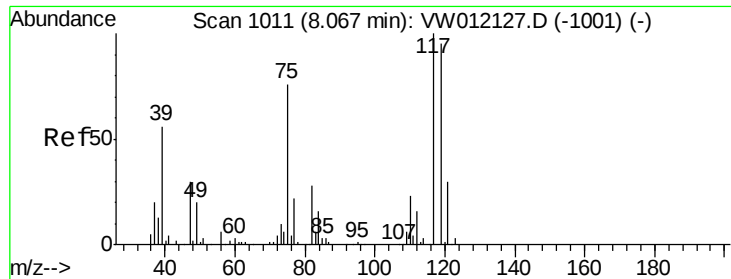
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.7	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.056 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012319.D
 Acq: 29 Aug 2019 23:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	15.6	46.8#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.606 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012319.D

Acq: 29 Aug 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBL02

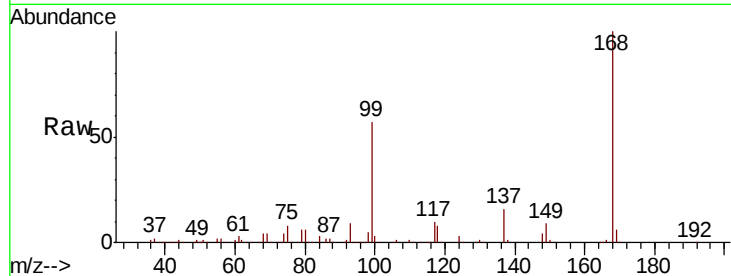
Tgt Ion:117 Resp: 26622

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

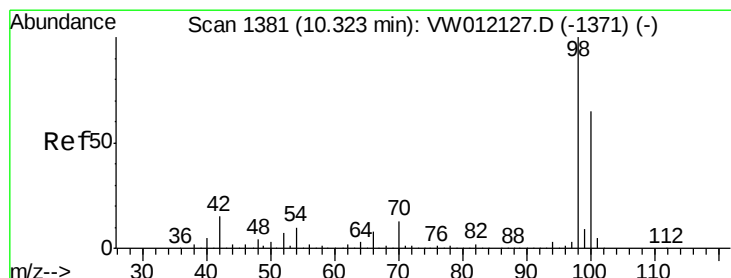
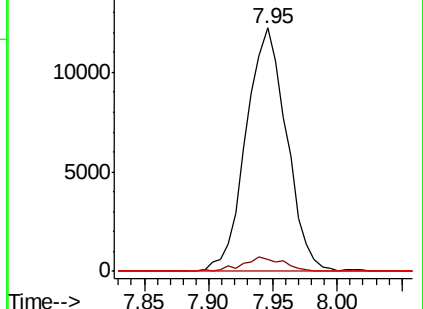
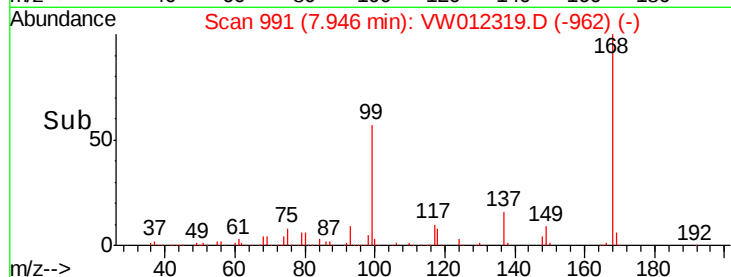
121 0.0 23.8 35.8#



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: 51.163 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012319.D

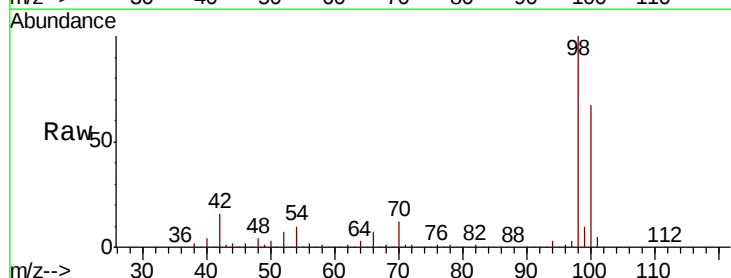
Acq: 29 Aug 2019 23:23

Tgt Ion: 98 Resp: 557950

Ion Ratio Lower Upper

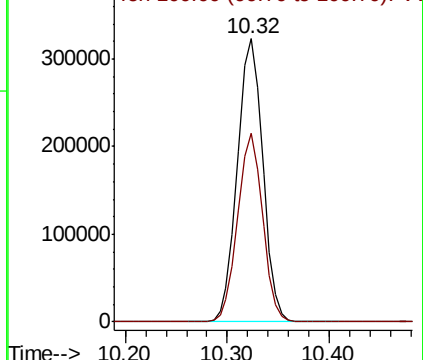
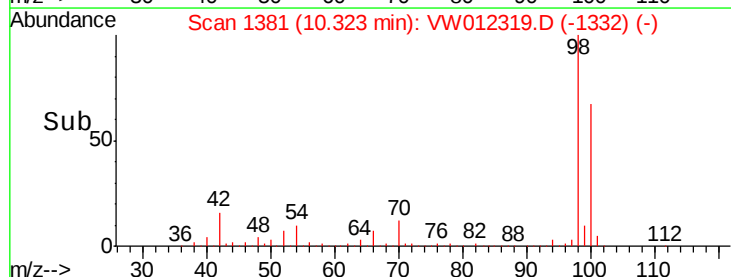
98 100

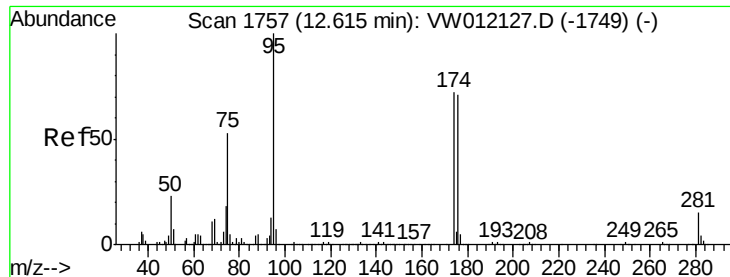
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

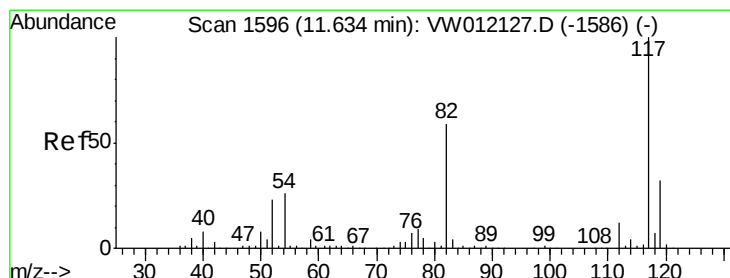
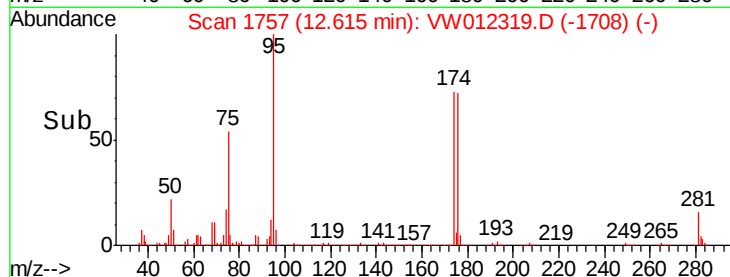
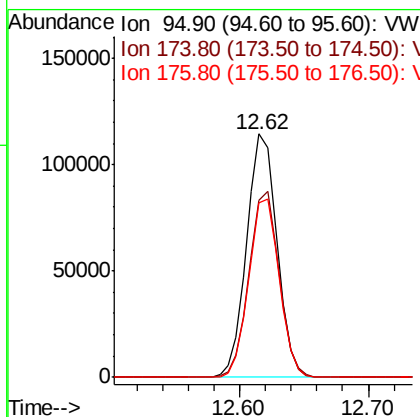
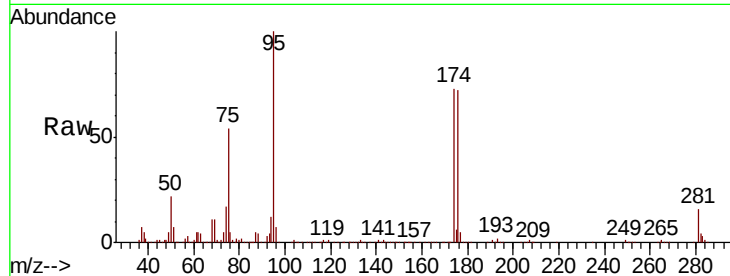




#62
4-Bromofluorobenzene
Concen: 48.177 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012319.D
Acq: 29 Aug 2019 23:23

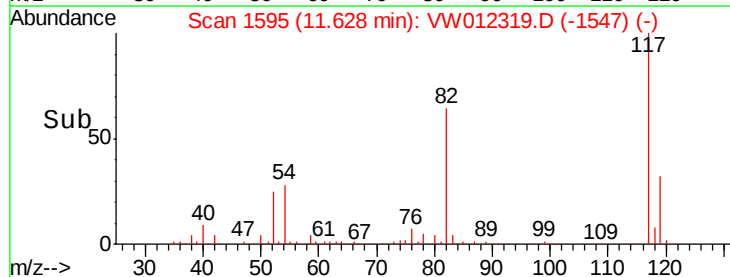
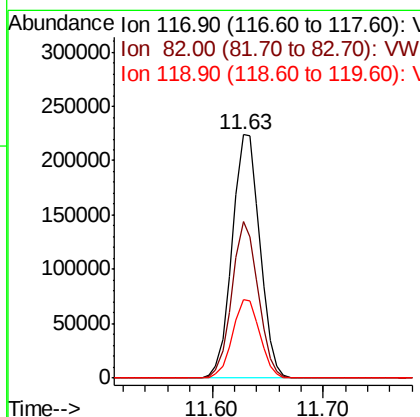
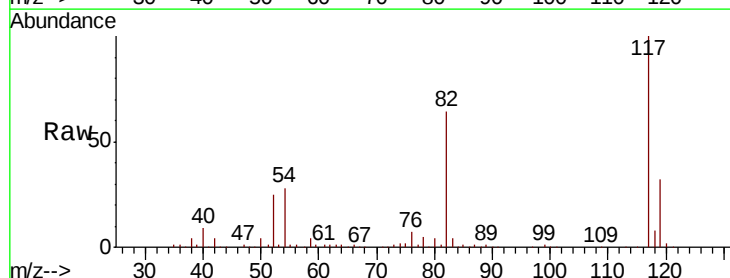
Instrument :
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VW0829SBL02

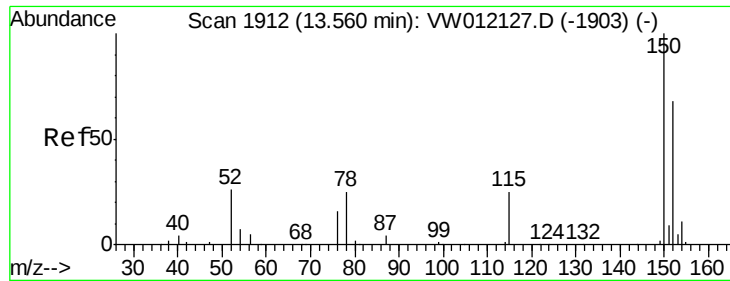
Tgt Ion: 95 Resp: 185198
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.8
176 73.7 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012319.D
Acq: 29 Aug 2019 23:23

Tgt Ion: 117 Resp: 385095
Ion Ratio Lower Upper
117 100
82 64.2 47.4 71.2
119 32.1 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: VW012319.D

Acq: 29 Aug 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBL02

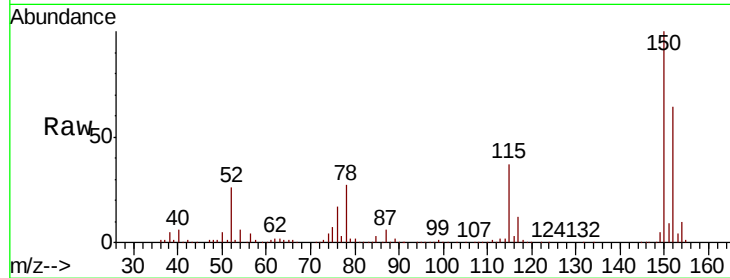
Tgt Ion:152 Resp: 155239

Ion Ratio Lower Upper

152 100

115 60.5 30.1 90.3

150 157.8 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

200000

150000

100000

50000

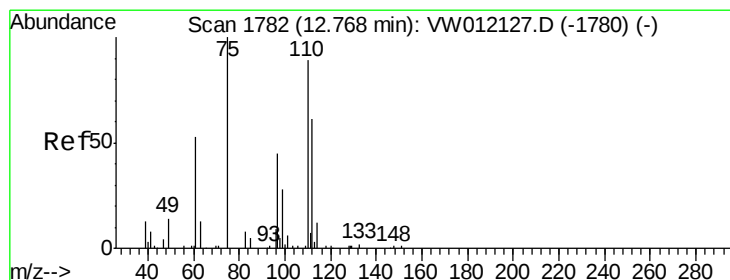
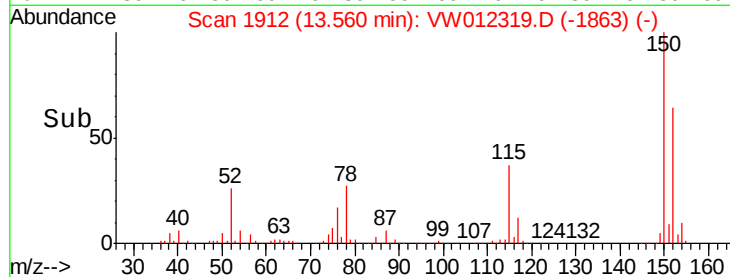
0

13.56

13.50

13.60

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.675 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012319.D

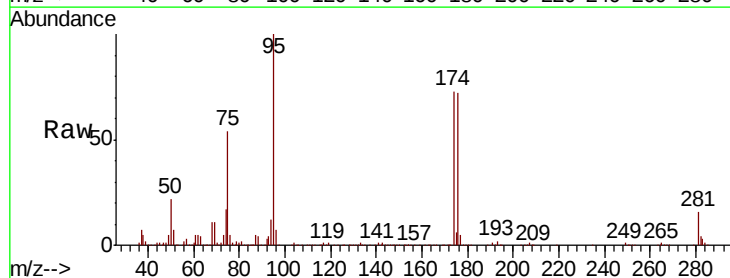
Acq: 29 Aug 2019 23:23

Tgt Ion: 75 Resp: 99295

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

60000

40000

20000

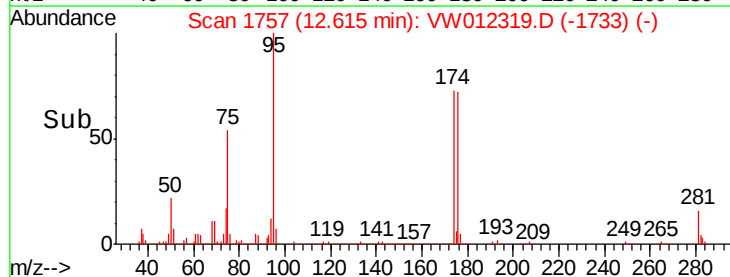
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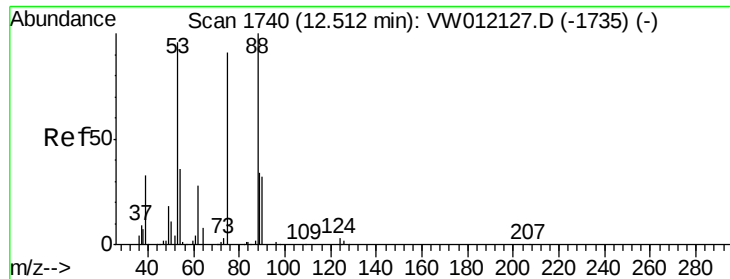
12.62

12.60

12.70

Time-->

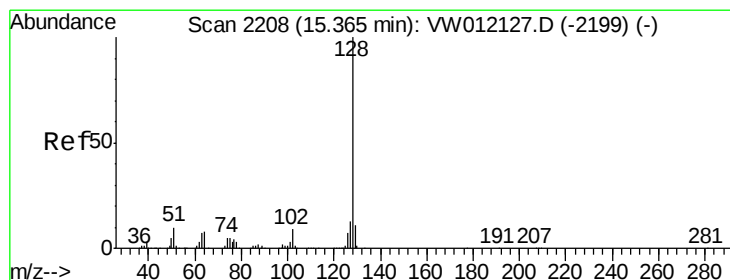
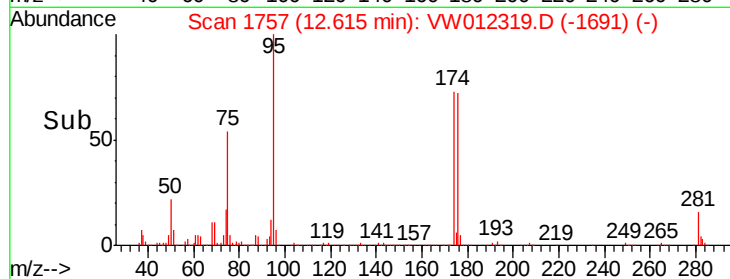
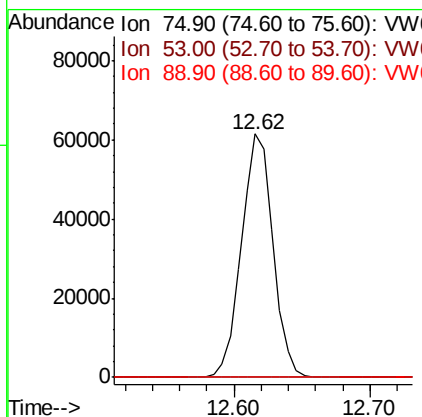
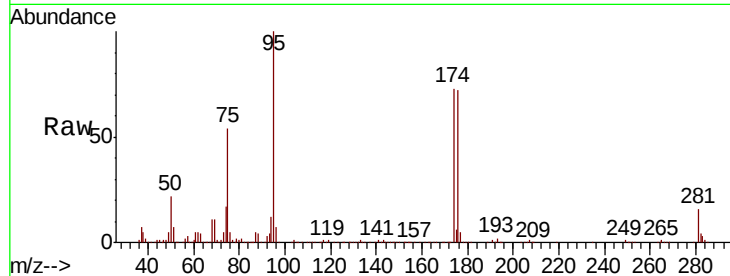




#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.995 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012319.D
 Acq: 29 Aug 2019 23:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBL02

Tgt Ion: 75 Resp: 99295
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.3 34.5 51.7#



#95
 Naphthalene
 Concen: 4.569 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW012319.D
 Acq: 29 Aug 2019 23:23

Tgt Ion: 128 Resp: 1591
 Ion Ratio Lower Upper
 128 100
 127 17.5 10.7 16.1#
 129 13.0 8.7 13.1

