

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
 Data File : VW012293.D
 Acq On : 29 Aug 2019 10:42
 Operator : SY/VA
 Sample : VW0829SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0829SBL01

Quant Time: Aug 30 06:46:16 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	246573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149128	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	147419	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.88	113	121109	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.32	98	500442	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	166495	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	

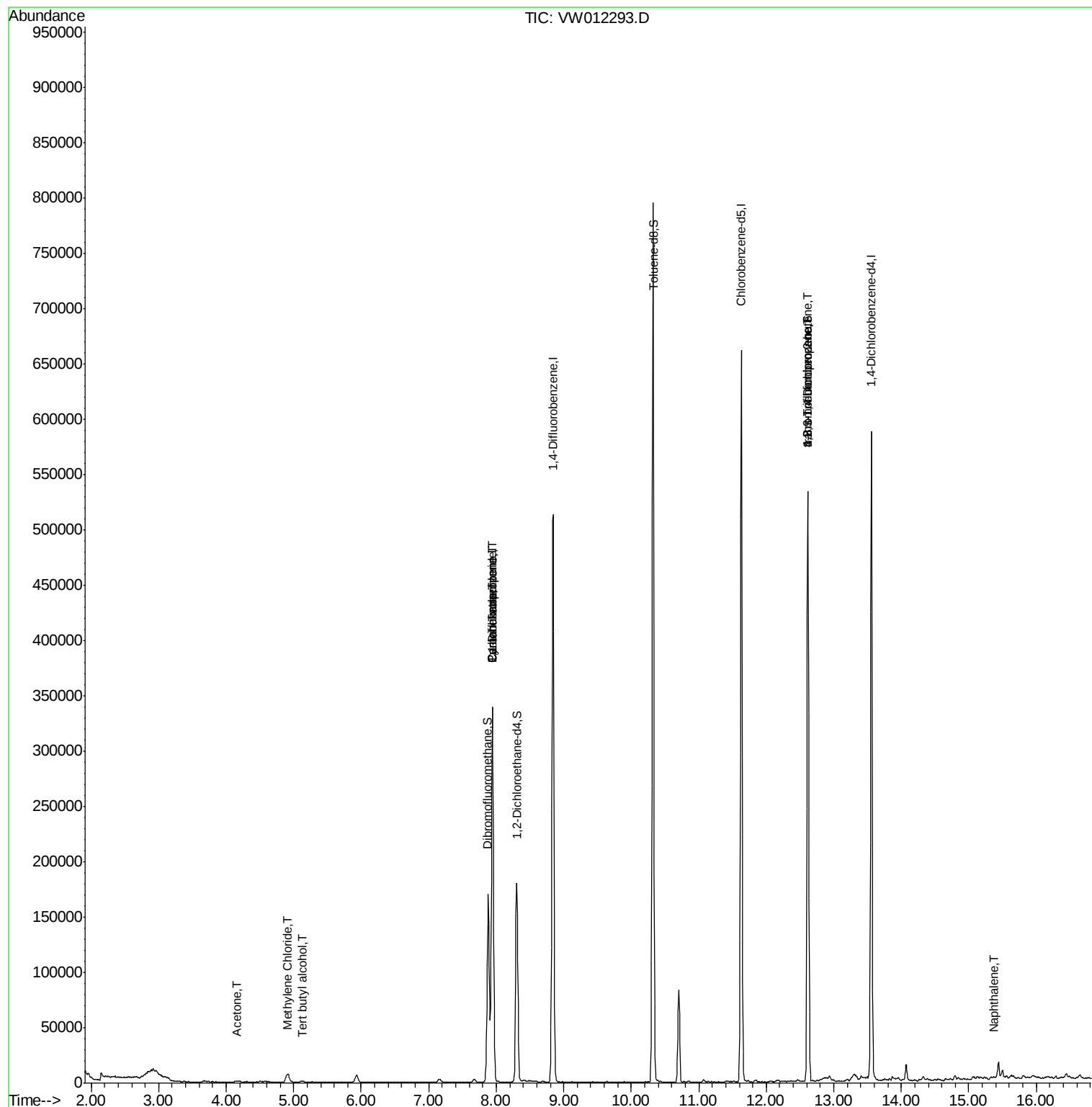
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	719	4.076	ug/l #	71
16) Acetone	4.15	43	2928	3.908	ug/l	90
20) Methylene Chloride	4.91	84	5253	1.855	ug/l	97
31) Cyclohexane	7.95	56	6114	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20700	4.902	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25049	6.853	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	89821	61.843	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89821	135.593	ug/l #	6
95) Naphthalene	15.37	128	1689	4.595	ug/l	100

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

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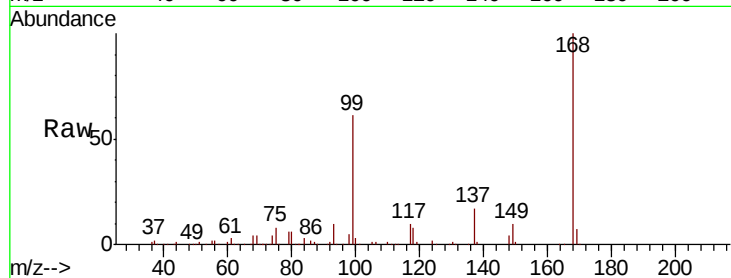
VW0829SBL01

Tgt Ion:168 Resp: 246573

Ion Ratio Lower Upper

168 100

99 60.9 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

120000

100000

80000

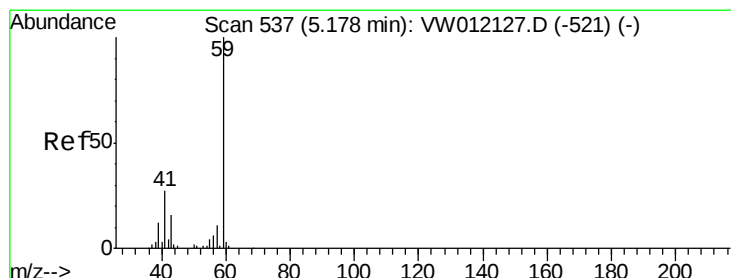
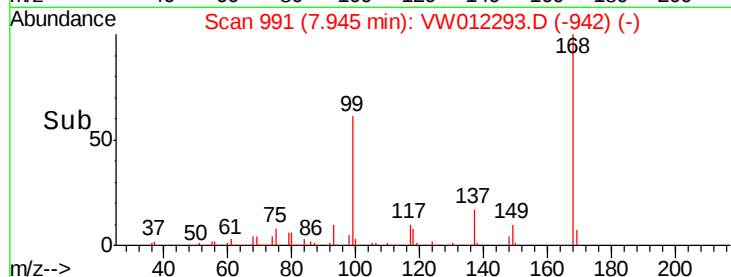
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 4.076 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.05 min

Lab File: VW012293.D

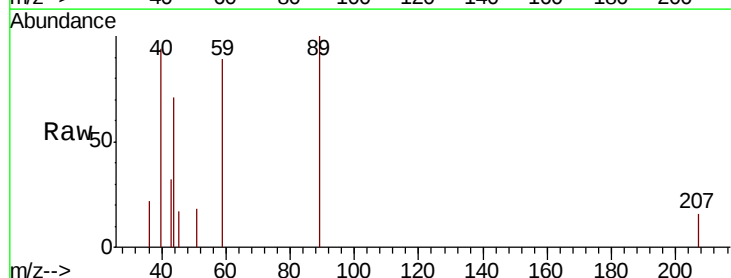
Acq: 29 Aug 2019 10:42

Tgt Ion: 59 Resp: 719

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

5.13

400

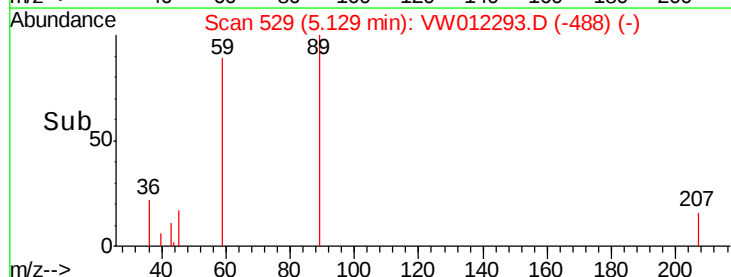
300

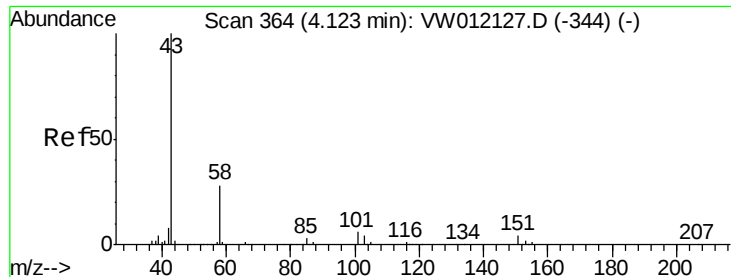
200

100

0

Time--> 5.10 5.15 5.20





#16

Acetone

Concen: 3.908 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012293.D

Acq: 29 Aug 2019 10:42

Instrument :

MSVOA_W

ClientSampleId :

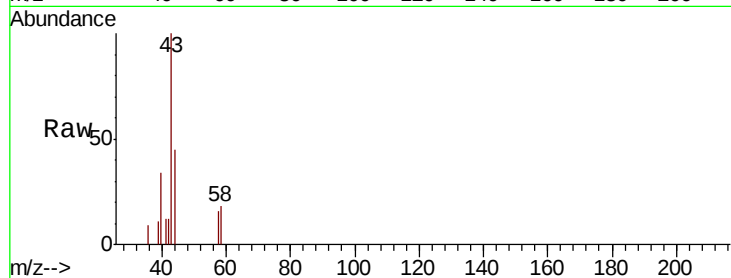
VW0829SBL01

Tgt Ion: 43 Resp: 2928

Ion Ratio Lower Upper

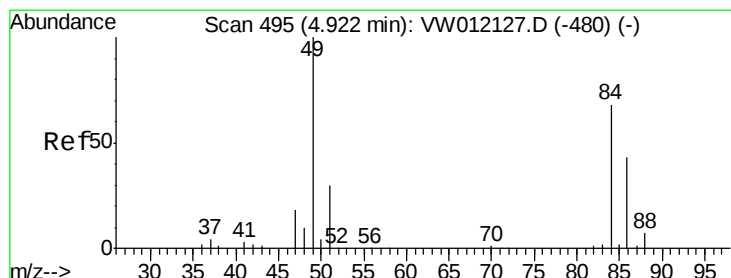
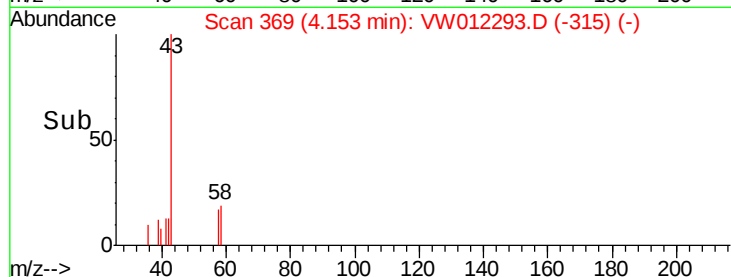
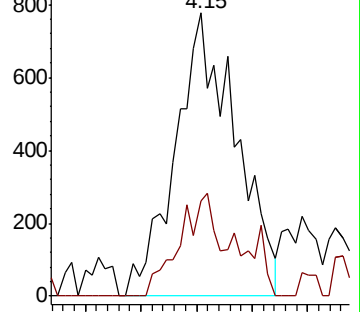
43 100

58 33.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.855 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012293.D

Acq: 29 Aug 2019 10:42

Tgt Ion: 84 Resp: 5253

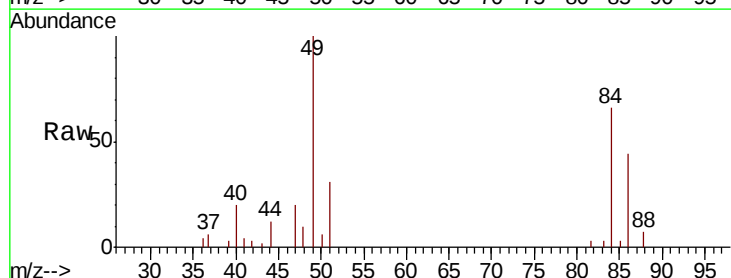
Ion Ratio Lower Upper

84 100

49 151.0 117.8 176.8

51 46.1 35.6 53.4

86 67.1 51.2 76.8

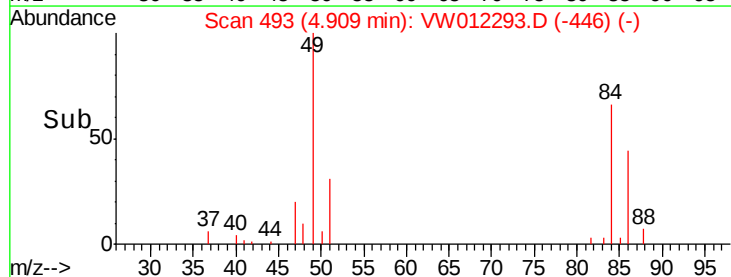
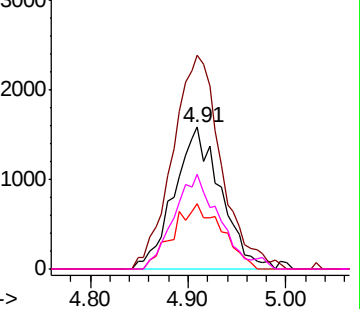


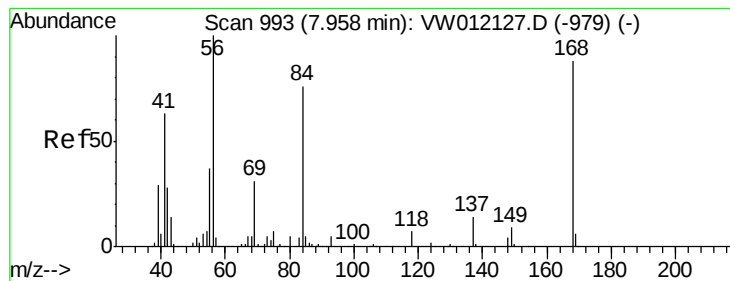
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.158 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012293.D

Acq: 29 Aug 2019 10:42

Instrument :

MSVOA_W

ClientSampleId :

VW0829SBL01

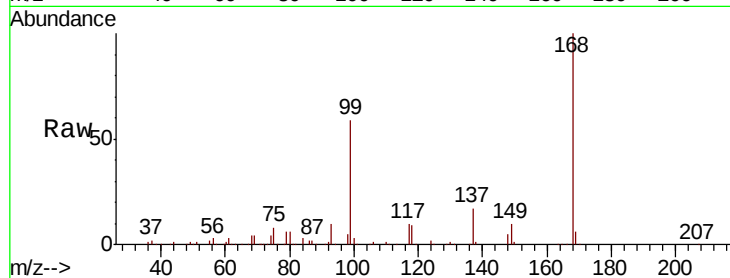
Tgt Ion: 56 Resp: 6114

Ion Ratio Lower Upper

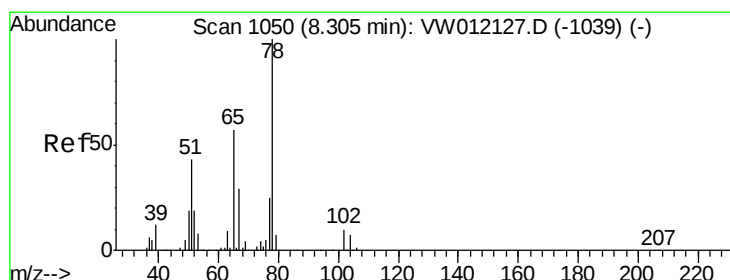
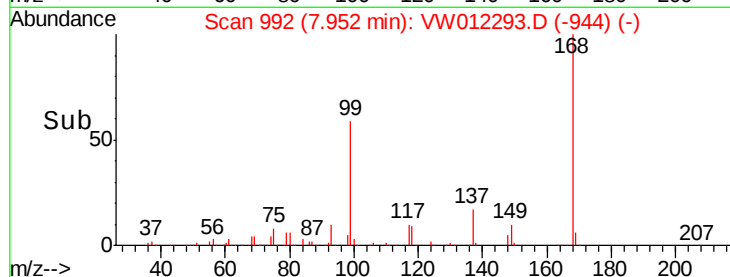
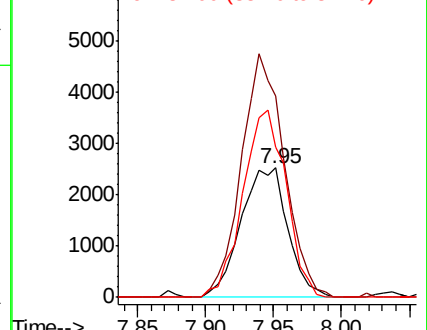
56 100

69 155.6 24.9 37.3#

84 116.0 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: 50.294 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012293.D

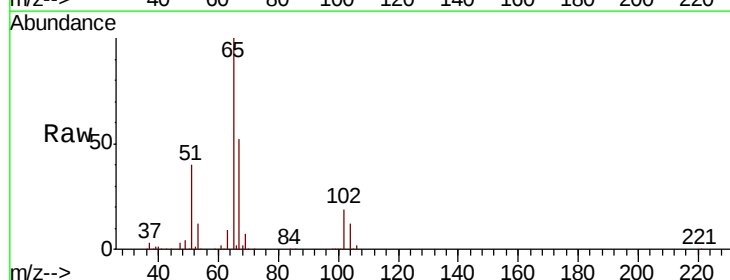
Acq: 29 Aug 2019 10:42

Tgt Ion: 65 Resp: 147419

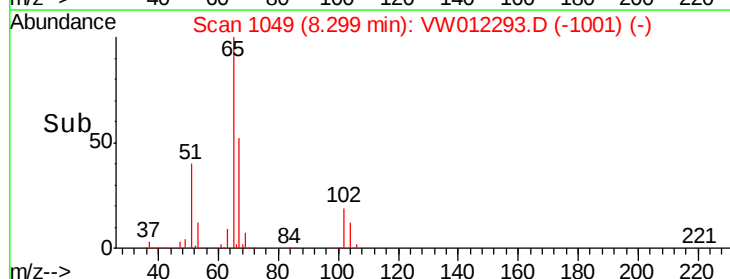
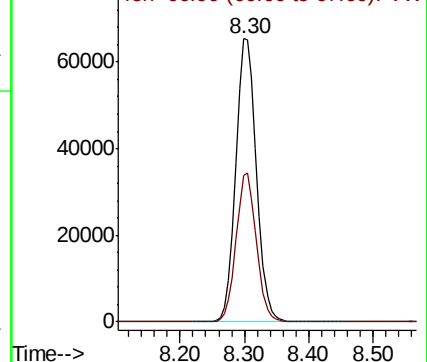
Ion Ratio Lower Upper

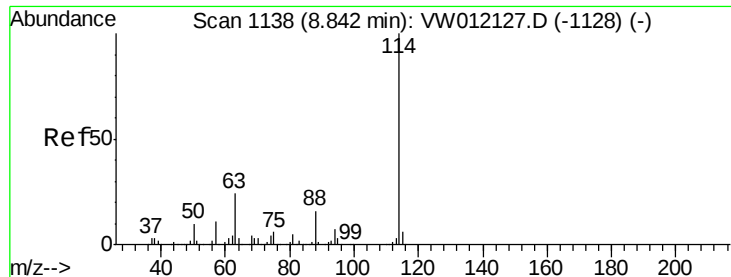
65 100

67 51.7 0.0 102.6



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

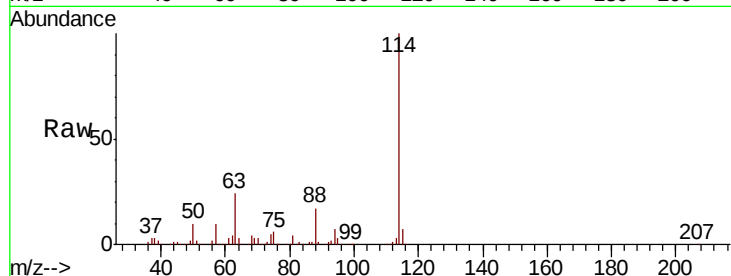




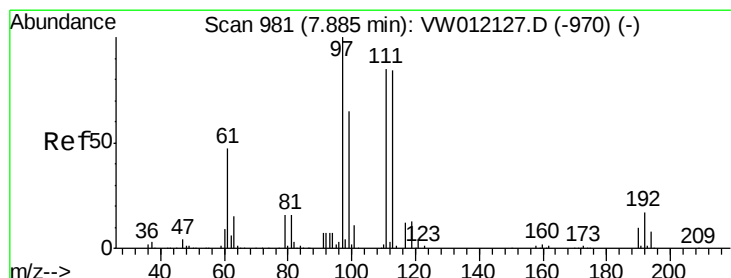
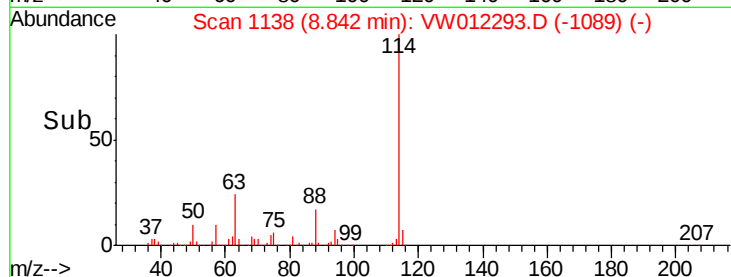
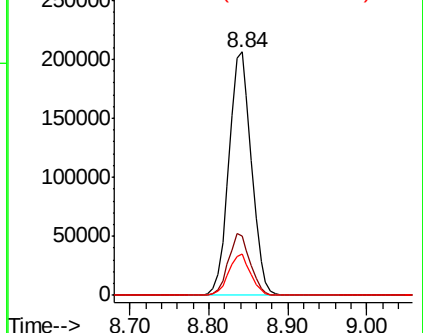
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012293.D
 Acq: 29 Aug 2019 10:42

Instrument :
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 VW0829SBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	16.9	0.0	32.2

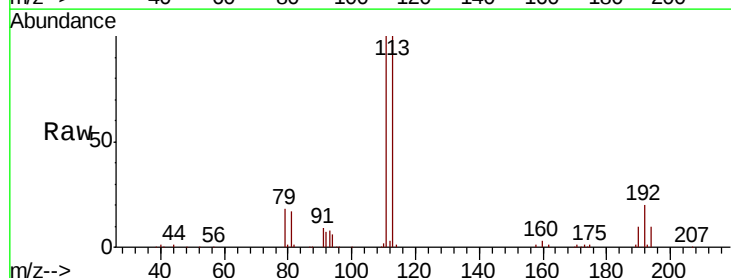


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

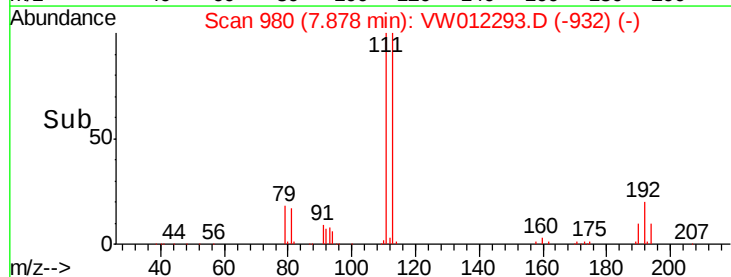
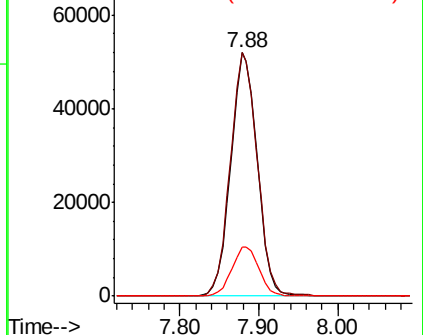


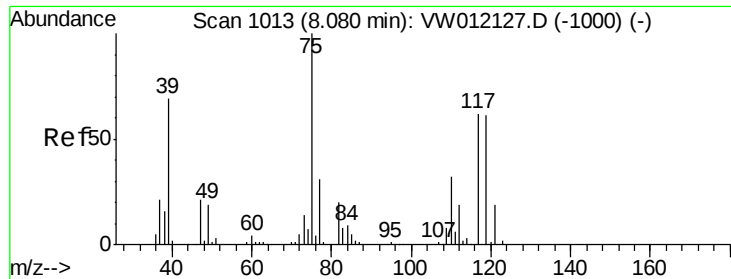
#35
 Dibromofluoromethane
 Concen: 49.649 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012293.D
 Acq: 29 Aug 2019 10:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.7	124.1
192	20.6	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

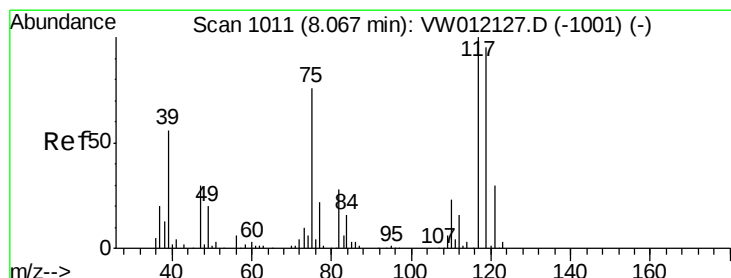
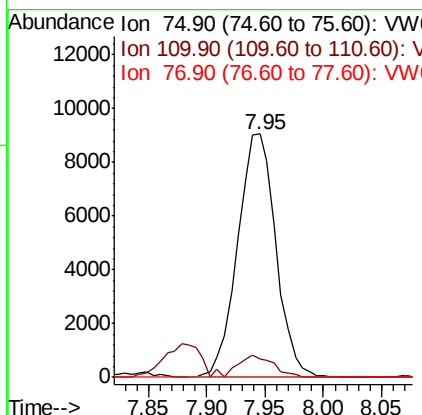
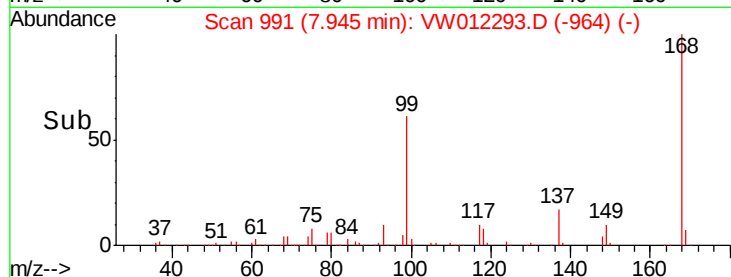
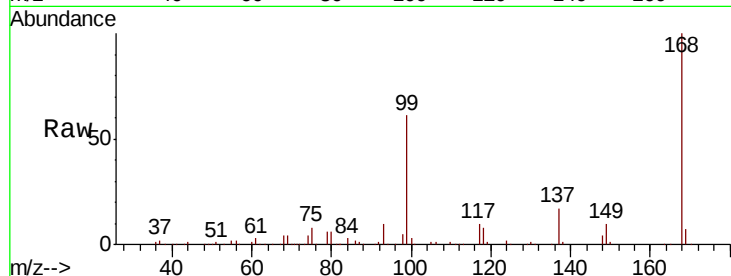




#36
 1,1-Dichloropropene
 Concen: 4.902 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012293.D
 Acq: 29 Aug 2019 10:42

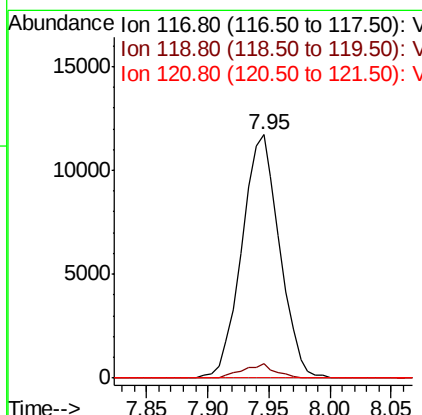
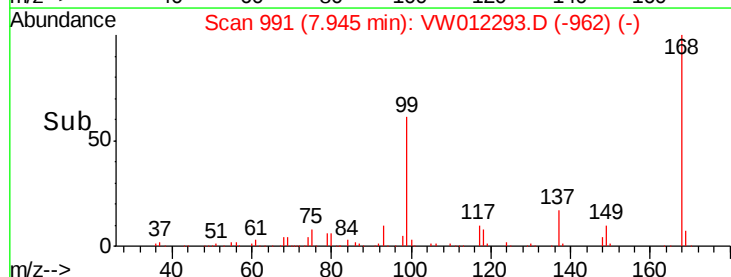
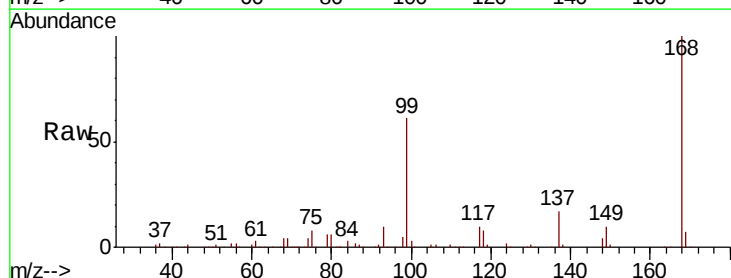
Instrument :
 MSVOA_W
 ClientSampleId :
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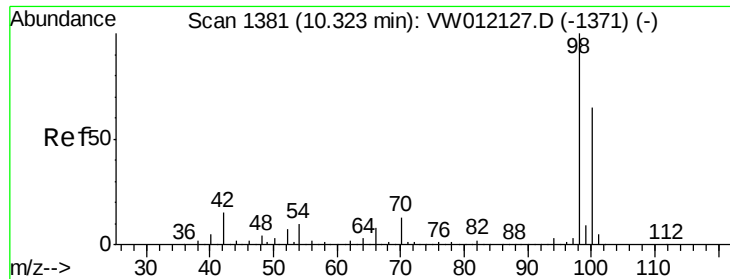
Tgt Ion: 75 Resp: 20700
 Ion Ratio Lower Upper
 75 100
 110 8.1 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.853 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012293.D
 Acq: 29 Aug 2019 10:42

Tgt Ion: 117 Resp: 25049
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.2 114.2#
 121 0.0 23.8 35.8#

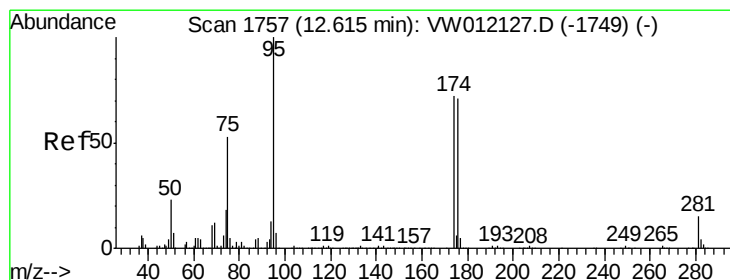
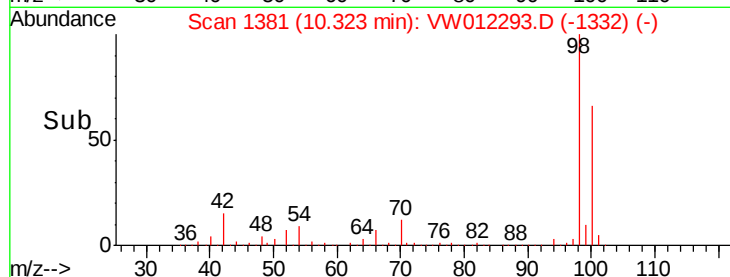
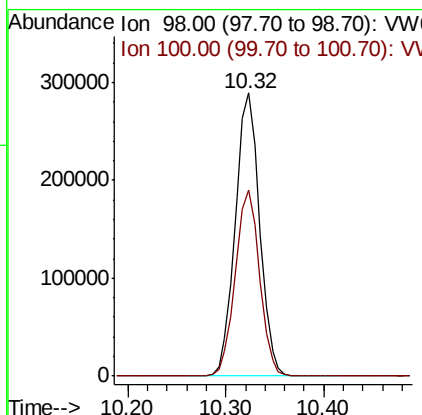
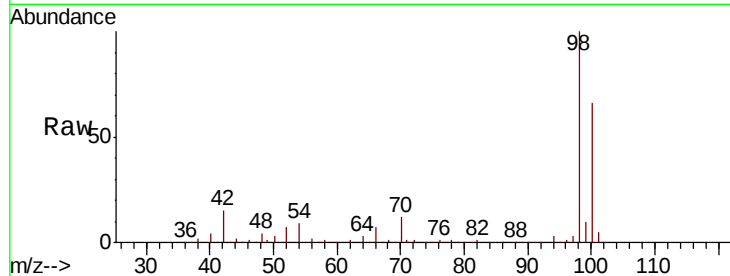




#50
Toluene-d8
Concen: 50.598 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012293.D
Acq: 29 Aug 2019 10:42

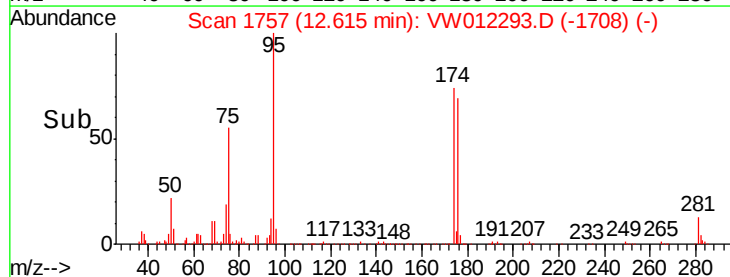
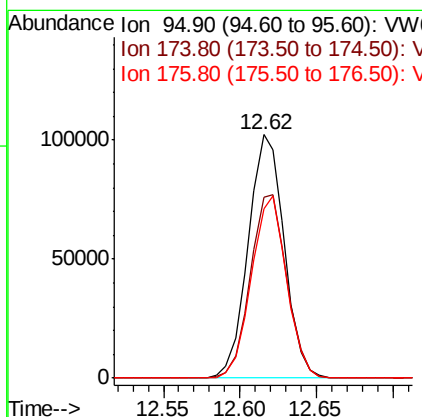
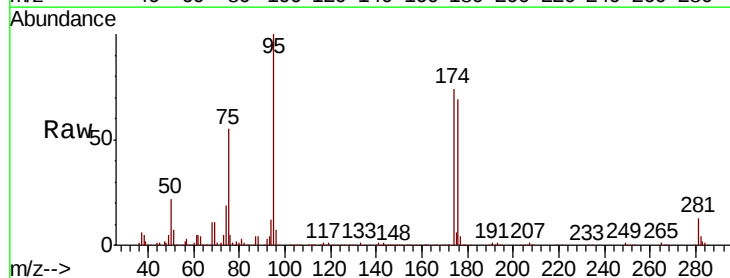
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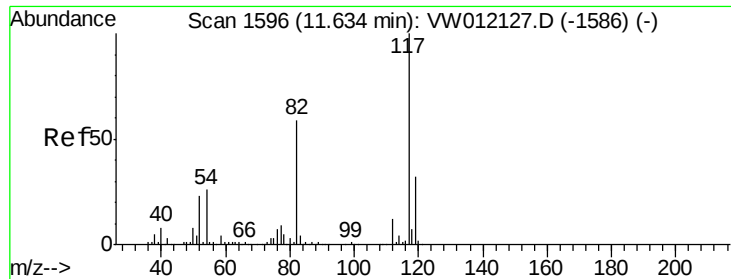
Tgt Ion: 98 Resp: 500442
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.755 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012293.D
Acq: 29 Aug 2019 10:42

Tgt Ion: 95 Resp: 166495
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.8
176 73.5 0.0 148.6

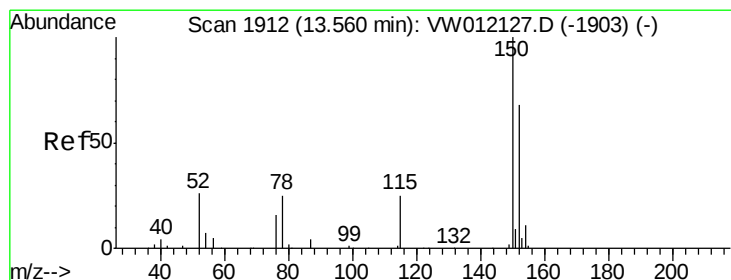
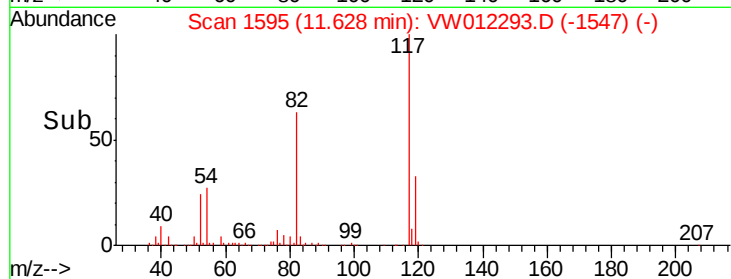
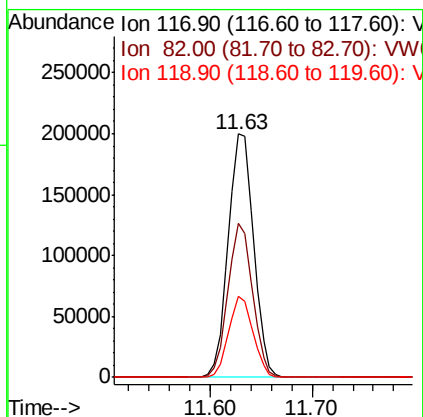
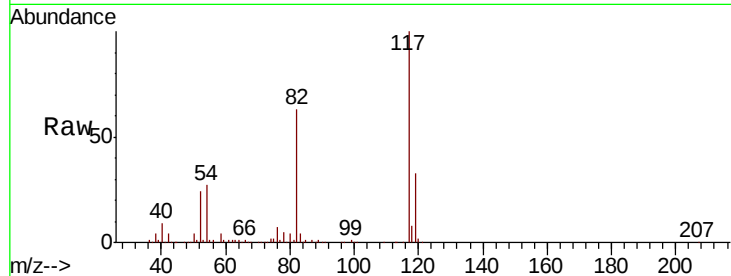




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012293.D
Acq: 29 Aug 2019 10:42

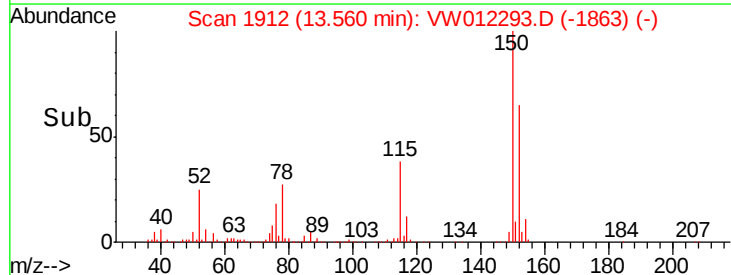
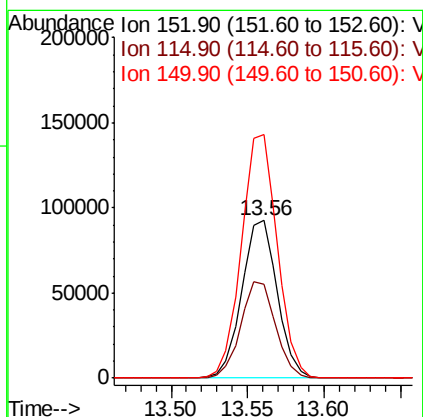
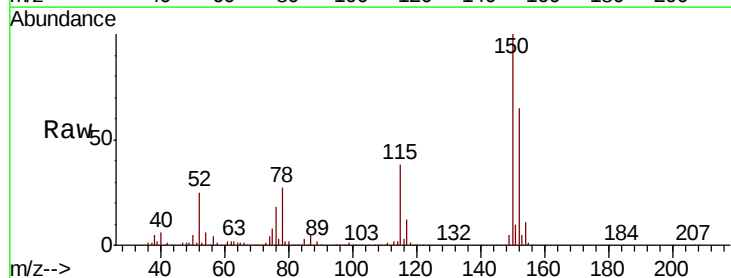
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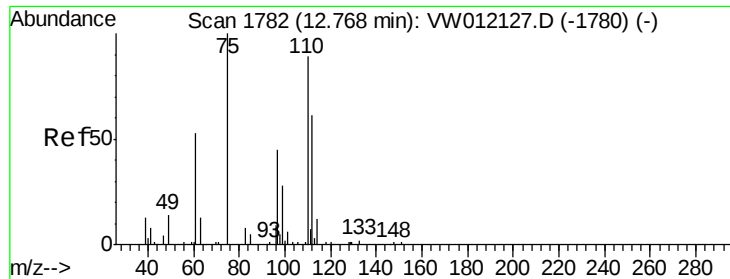
Tgt Ion:117 Resp: 342689
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 33.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012293.D
Acq: 29 Aug 2019 10:42

Tgt Ion:152 Resp: 149128
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 156.0 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 61.843 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012293.D

Acq: 29 Aug 2019 10:42

Instrument :

MSVOA_W

ClientSampleId :

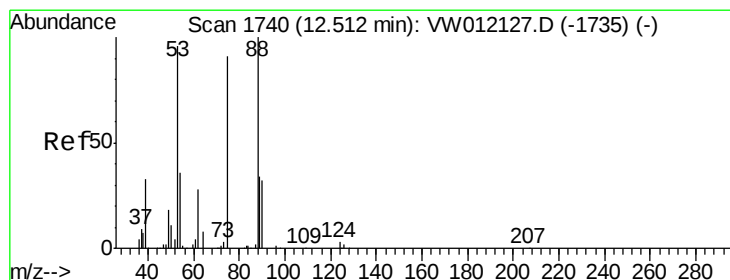
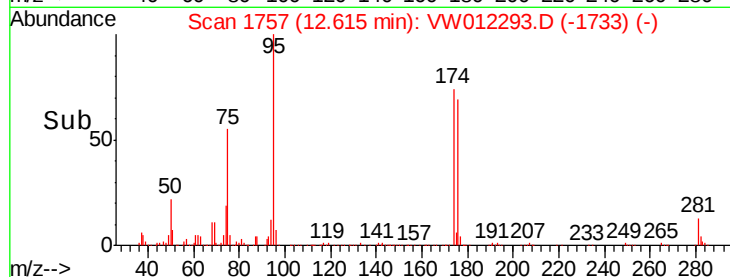
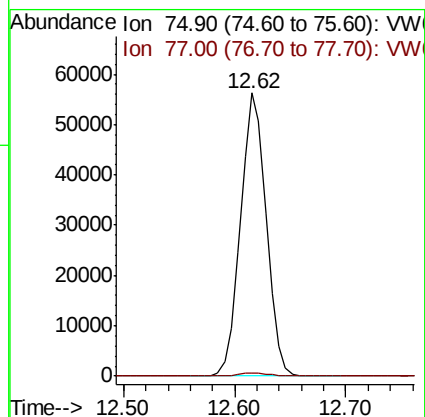
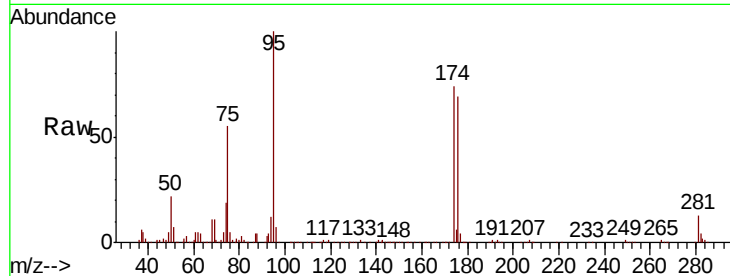
VW0829SBL01

Tgt Ion: 75 Resp: 89821

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.593 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012293.D

Acq: 29 Aug 2019 10:42

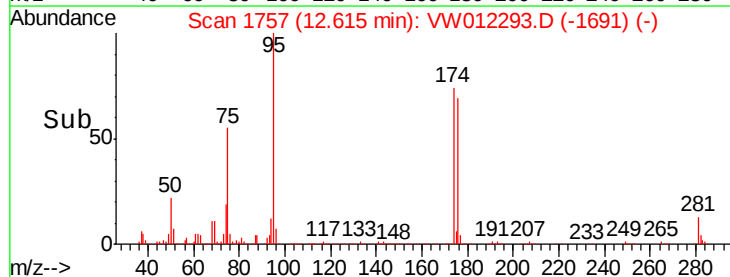
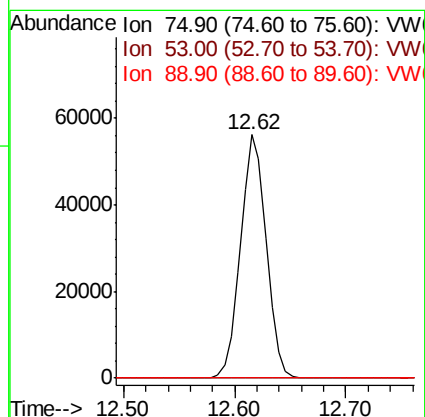
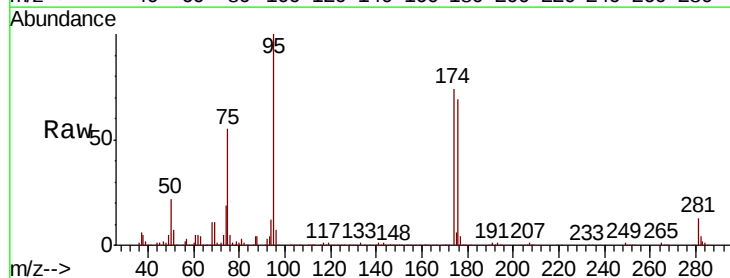
Tgt Ion: 75 Resp: 89821

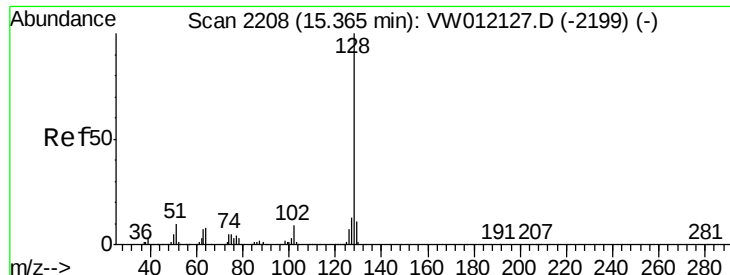
Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

89 0.2 34.5 51.7#

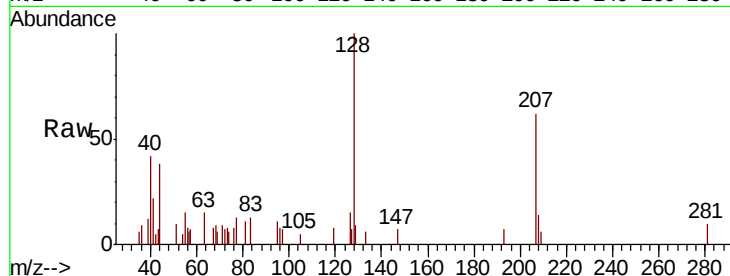




#95
Naphthalene
Concen: 4.595 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012293.D
Acq: 29 Aug 2019 10:42

Instrument :
MSVOA_W
ClientSampleId :
VW0829SBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	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

