

Data File : VW012365.D
Acq On : 30 Aug 2019 23:02
Operator : SY/VA
Sample : VW0830SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBL02

Quant Time: Aug 31 03:08:39 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	225898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145934	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.88	113	115916	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	455958	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	145047	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	

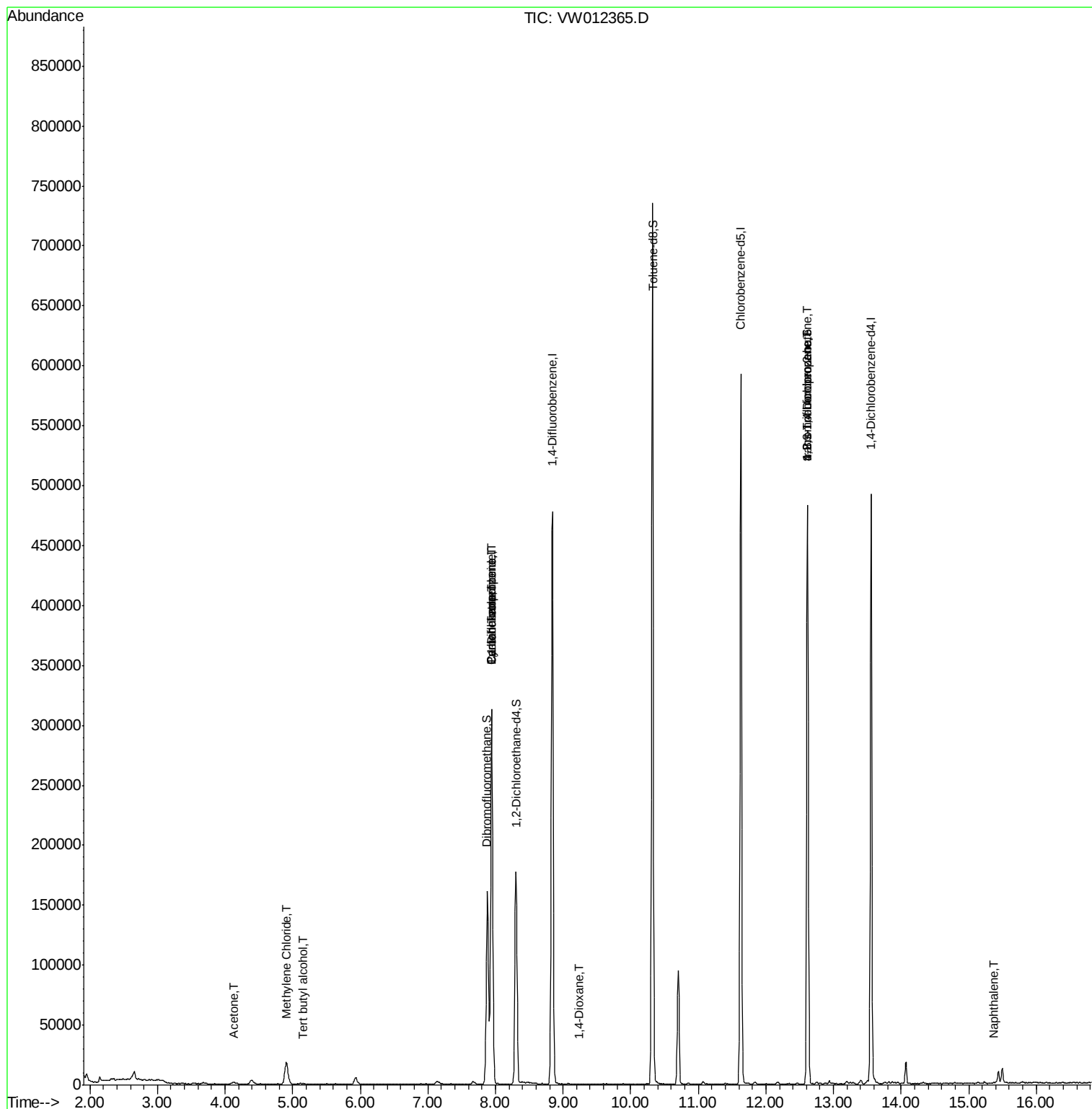
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.16	59	547	3.385	ug/l #	80
16) Acetone	4.12	43	3378	4.921	ug/l	92
20) Methylene Chloride	4.92	84	13087	5.043	ug/l	99
31) Cyclohexane	7.95	56	5636	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19587	5.047	ug/l #	50
38) Carbon Tetrachloride	7.94	117	23042	6.859	ug/l #	16
49) 1,4-Dioxane	9.23	88	20	1.030	ug/l #	75
76) 1,2,3-Trichloropropane	12.62	75	78349	65.043	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78349	142.610	ug/l #	6
95) Naphthalene	15.36	128	507	4.420	ug/l #	81

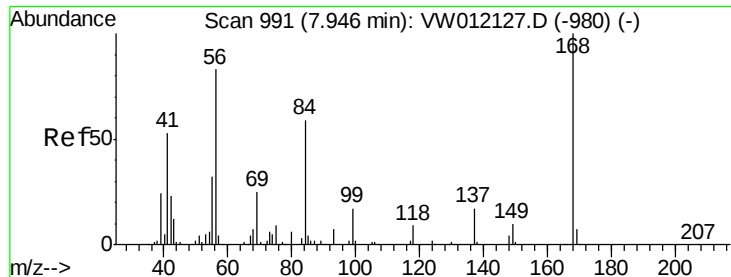
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012365.D

Acq: 30 Aug 2019 23:02

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MSVOA_W

ClientSampleId :

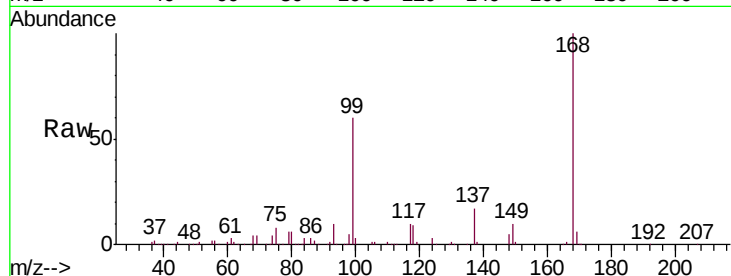
VW0830SBL02

Tgt Ion:168 Resp: 225898

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

7.95

120000

100000

80000

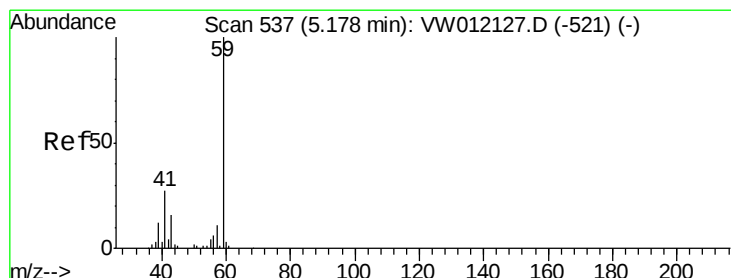
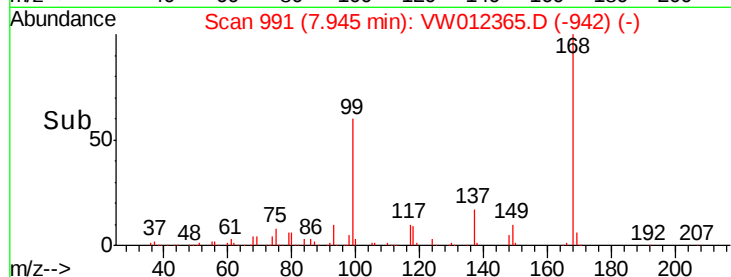
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.385 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: VW012365.D

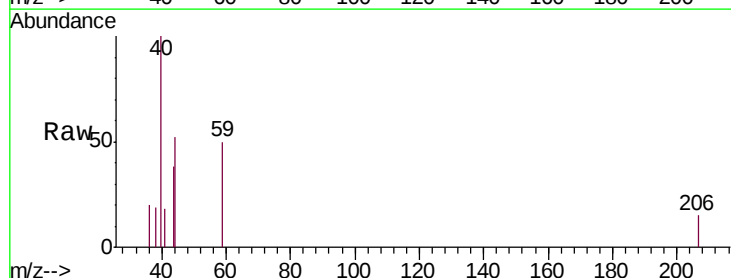
Acq: 30 Aug 2019 23:02

Tgt Ion: 59 Resp: 547

Ion Ratio Lower Upper

59 100

57 3.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

200

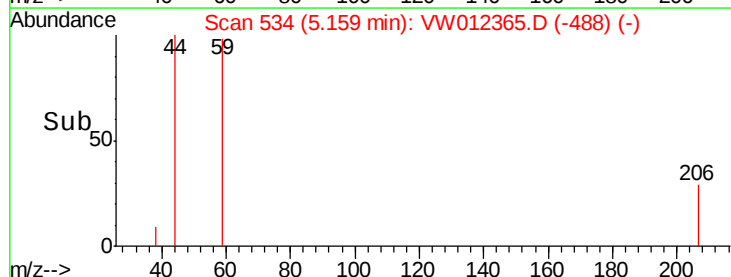
150

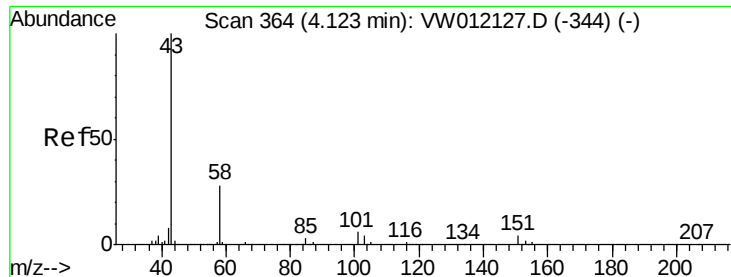
100

50

0

Time-->

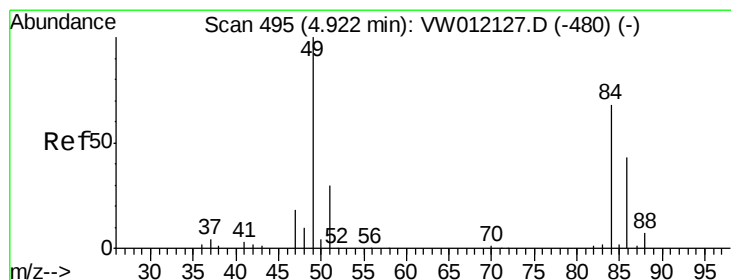
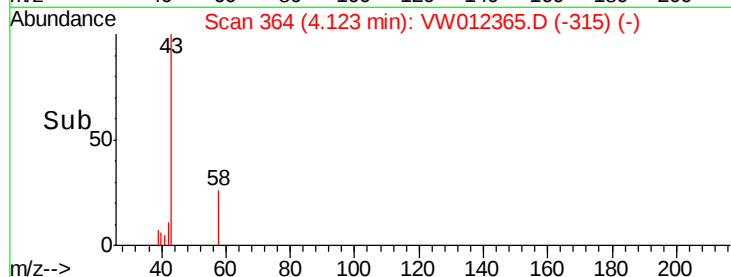
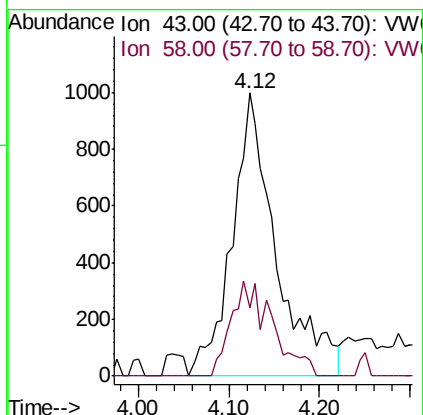
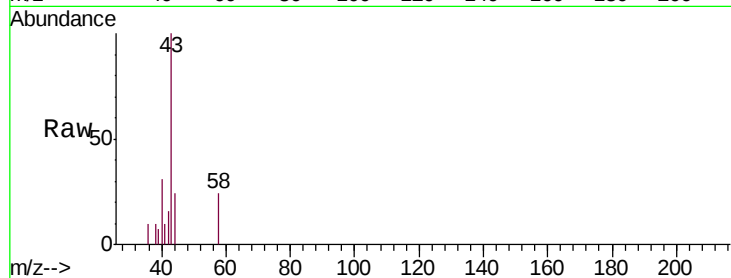




#16
Acetone
Concen: 4.921 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW012365.D
Acq: 30 Aug 2019 23:02

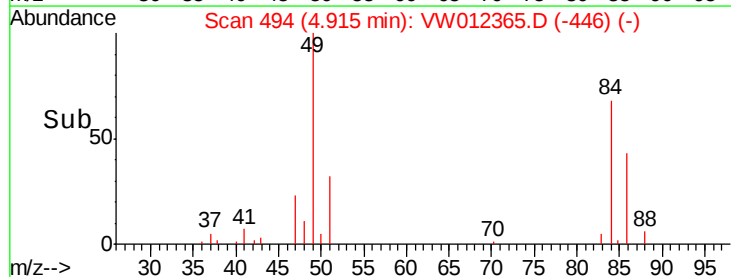
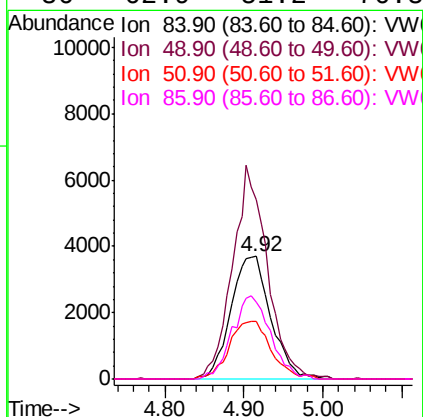
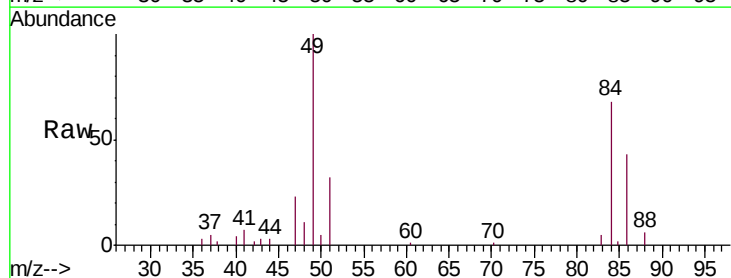
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBL02

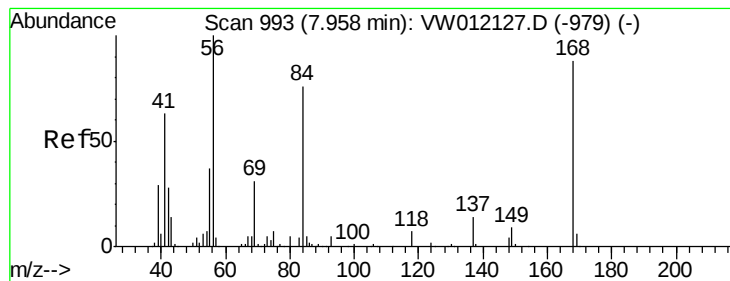
Tgt Ion: 43 Resp: 3378
Ion Ratio Lower Upper
43 100
58 24.0 22.4 33.6



#20
Methylene Chloride
Concen: 5.043 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012365.D
Acq: 30 Aug 2019 23:02

Tgt Ion: 84 Resp: 13087
Ion Ratio Lower Upper
84 100
49 146.8 117.8 176.8
51 47.5 35.6 53.4
86 62.9 51.2 76.8





#31

Cyclohexane

Concen: 1.165 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012365.D

Acq: 30 Aug 2019 23:02

Instrument :
MSVOA_W
ClientSampled :
VW0830SBL02

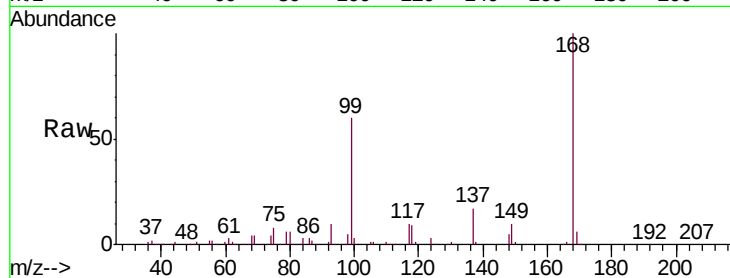
Tgt Ion: 56 Resp: 5636

Ion Ratio Lower Upper

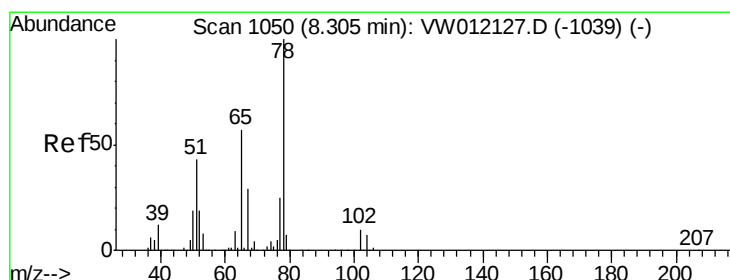
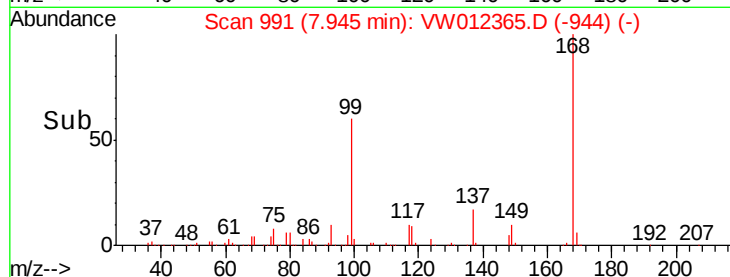
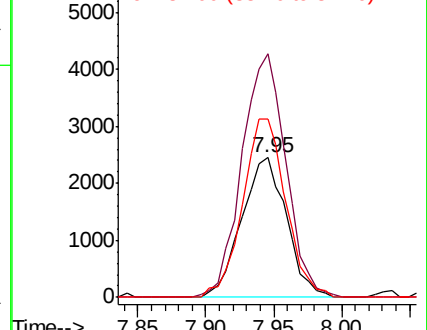
56 100

69 174.7 24.9 37.3#

84 128.2 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: 54.344 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012365.D

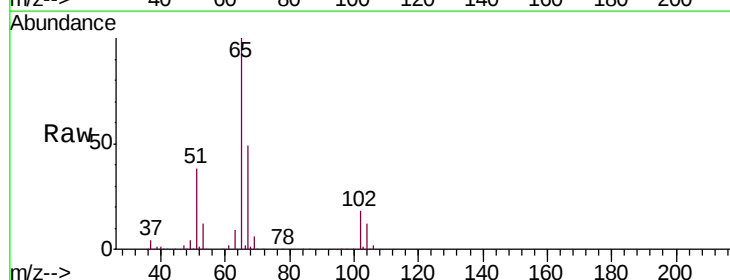
Acq: 30 Aug 2019 23:02

Tgt Ion: 65 Resp: 145934

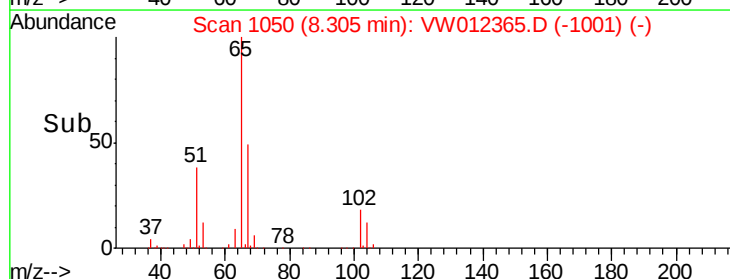
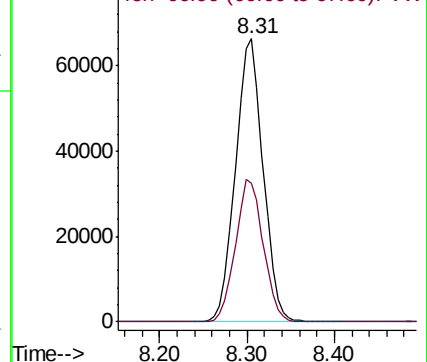
Ion Ratio Lower Upper

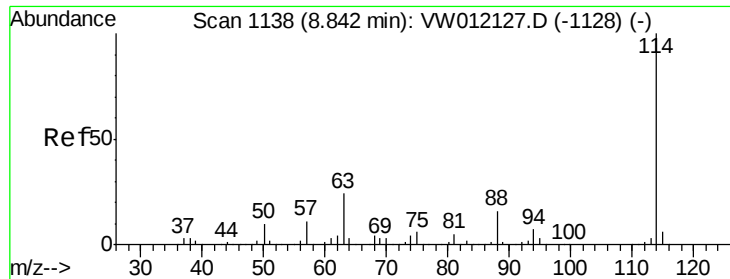
65 100

67 50.6 0.0 102.6



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

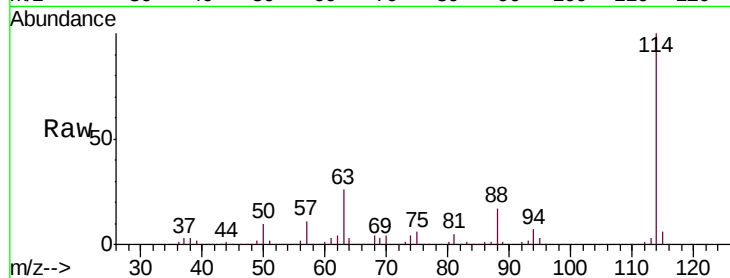




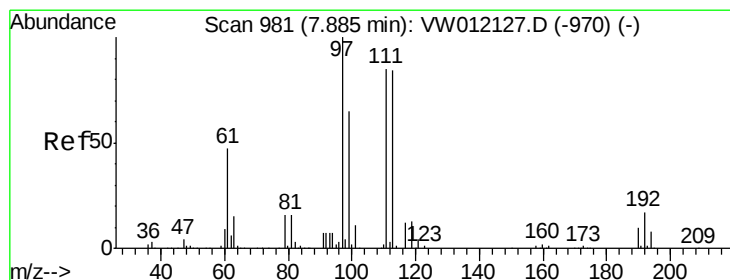
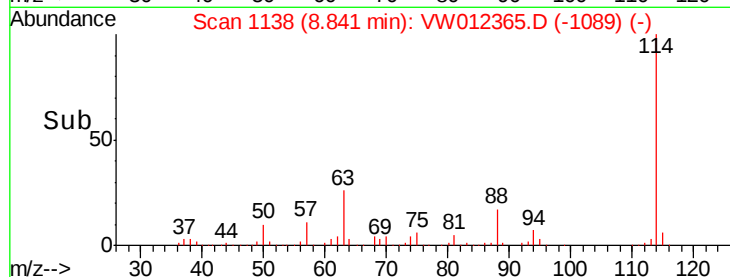
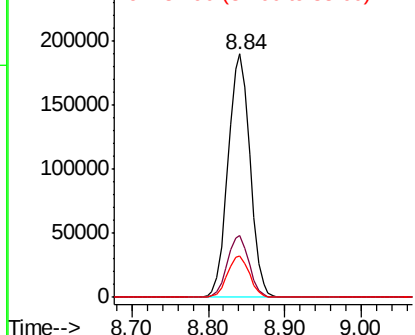
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012365.D
 Acq: 30 Aug 2019 23:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBL02

Tgt Ion:114 Resp: 375570
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 48.6
 88 17.1 0.0 32.2

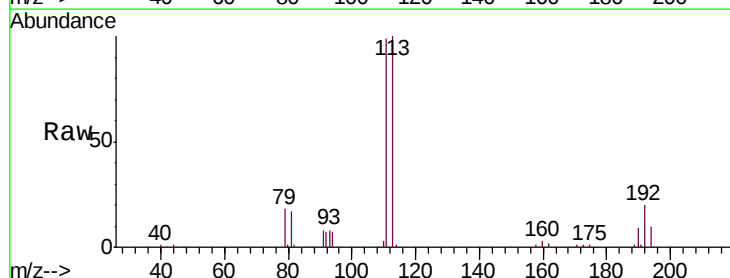


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

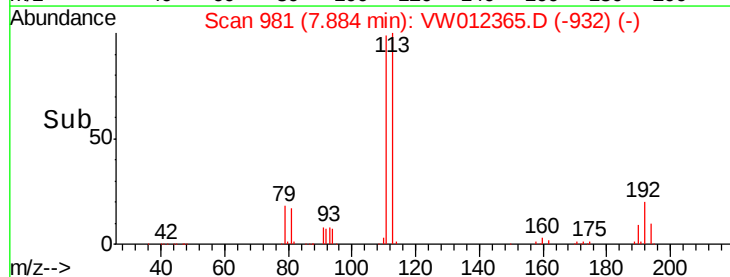
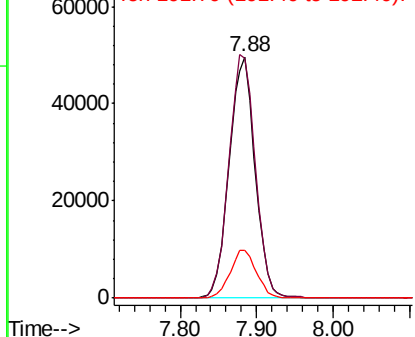


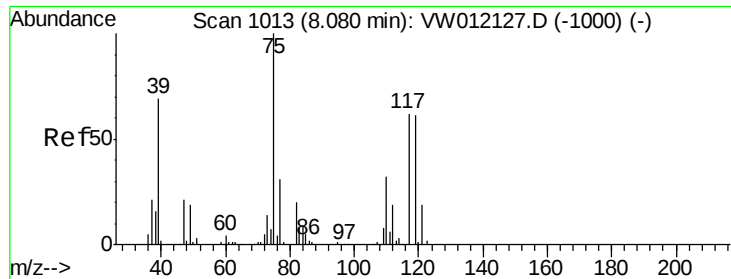
#35
 Dibromofluoromethane
 Concen: 51.707 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012365.D
 Acq: 30 Aug 2019 23:02

Tgt Ion:113 Resp: 115916
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.3 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

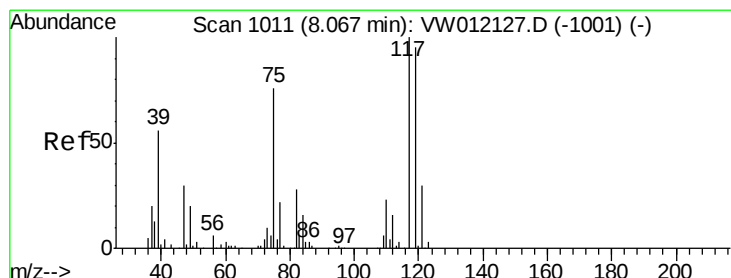
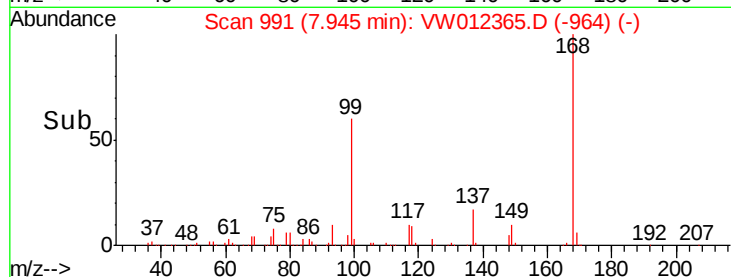
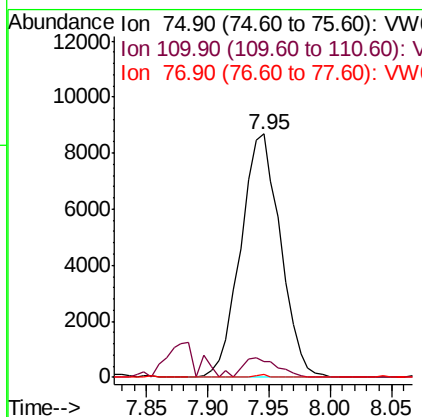
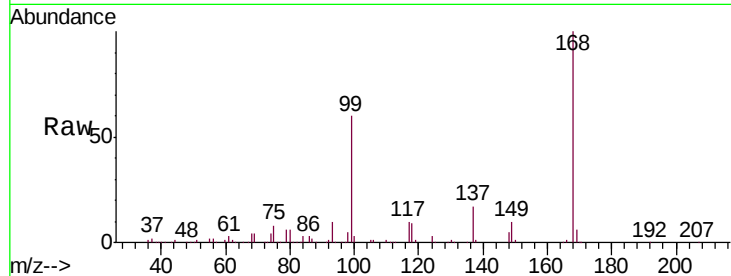




#36
 1,1-Dichloropropene
 Concen: 5.047 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012365.D
 Acq: 30 Aug 2019 23:02

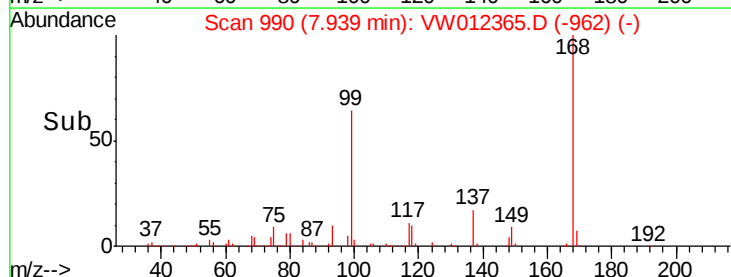
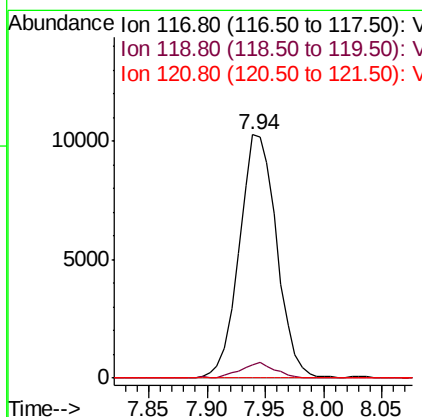
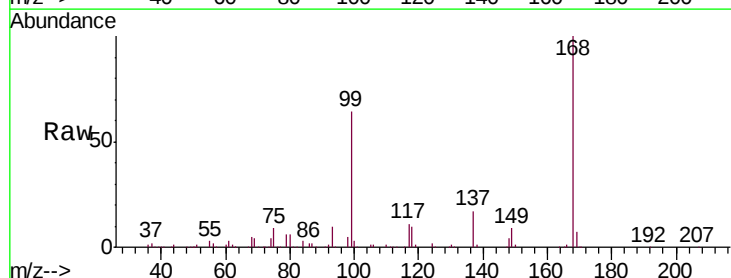
Instrument :
 MSVOA_W
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 VW0830SBL02

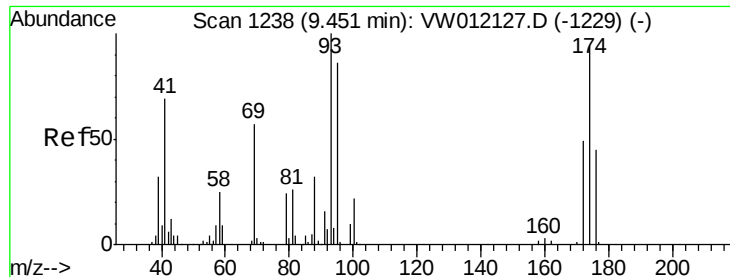
Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.9	15.6	46.8#
77	0.3	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.859 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW012365.D
 Acq: 30 Aug 2019 23:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	23.8	35.8#

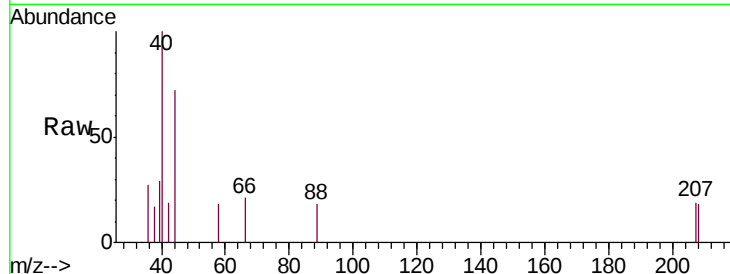




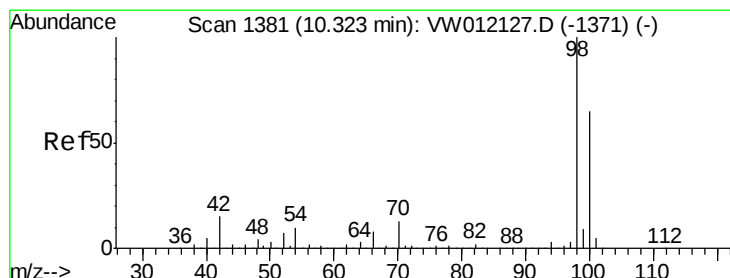
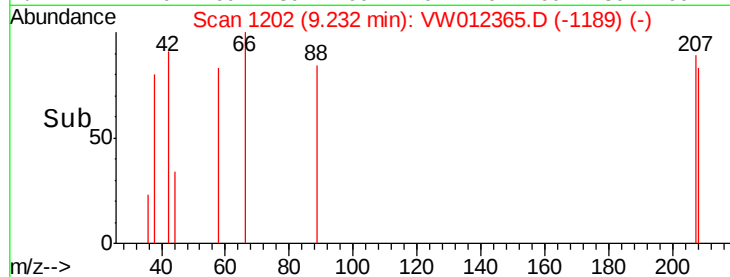
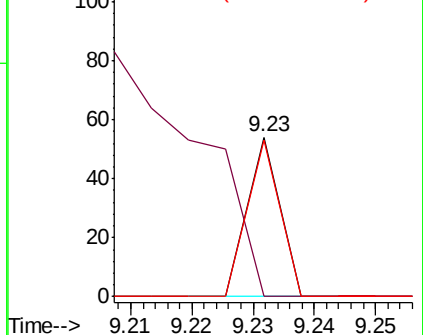
#49
 1,4-Dioxane
 Concen: 1.030 ug/l
 RT: 9.23 min Scan# 1202
 Delta R.T. -0.22 min
 Lab File: VW012365.D
 Acq: 30 Aug 2019 23:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBL02

Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 0.0 32.9 49.3#
 58 95.0 71.0 106.4

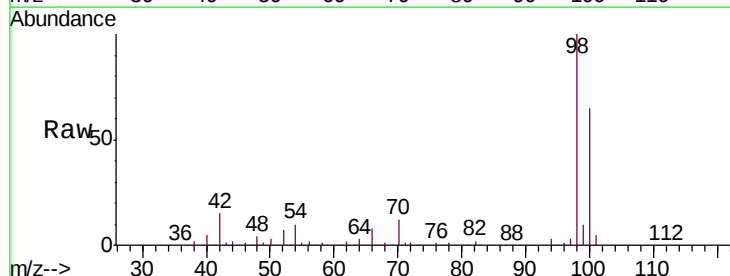


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

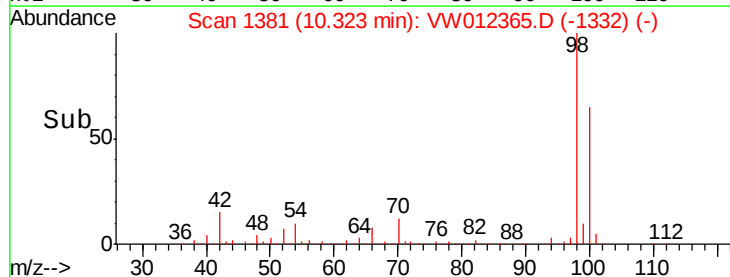
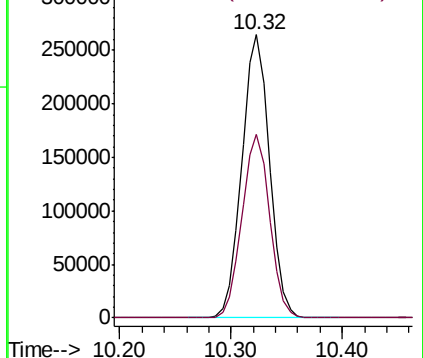


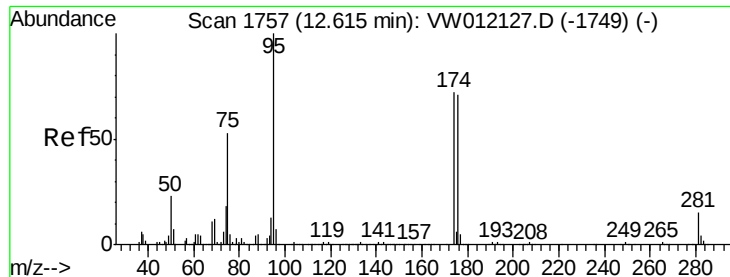
#50
 Toluene-d8
 Concen: 50.162 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012365.D
 Acq: 30 Aug 2019 23:02

Tgt Ion: 98 Resp: 455958
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

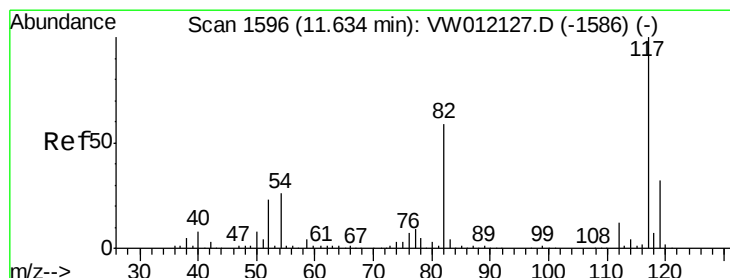
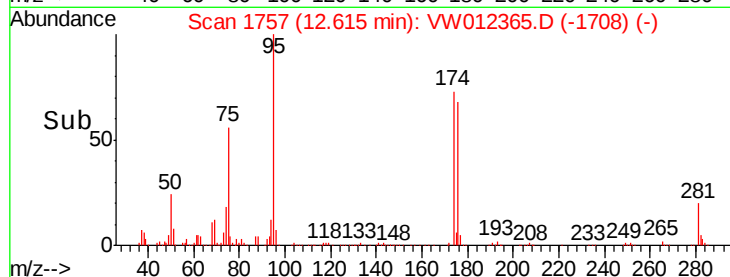
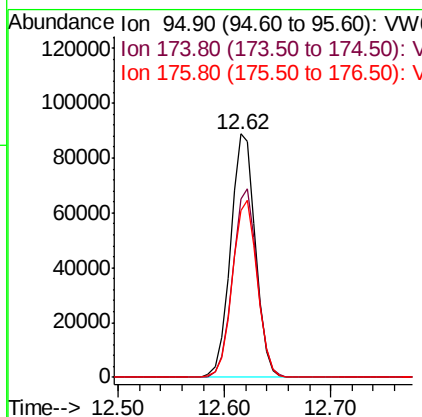
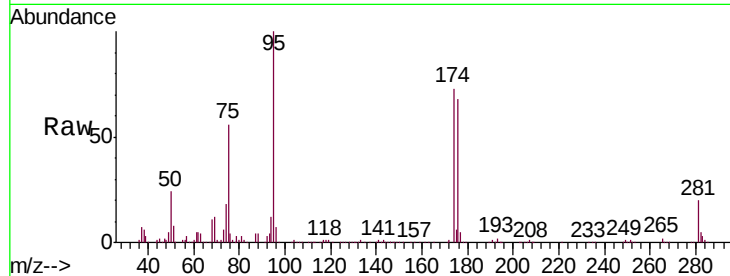




#62
4-Bromofluorobenzene
Concen: 45.269 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012365.D
Acq: 30 Aug 2019 23:02

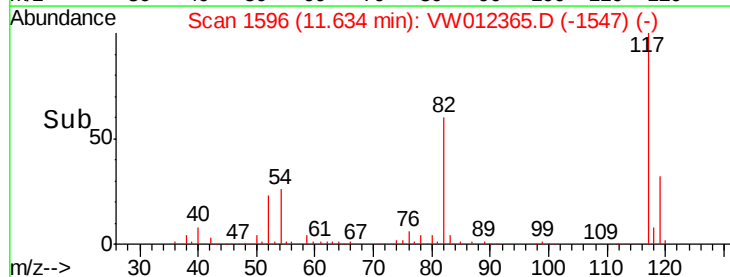
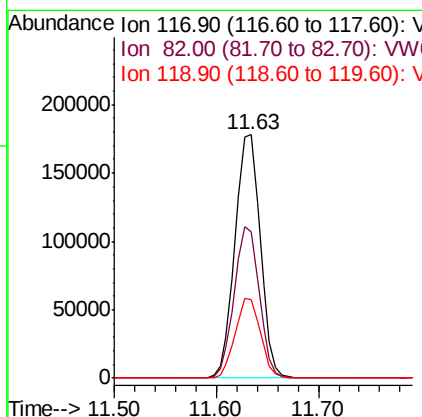
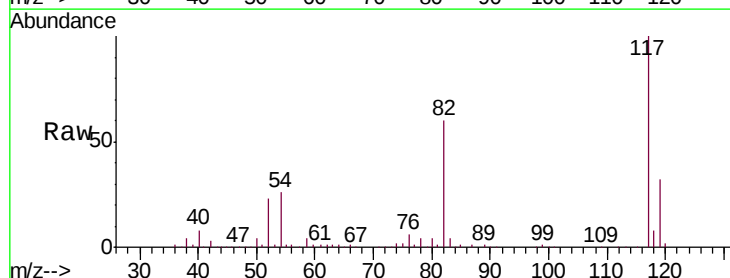
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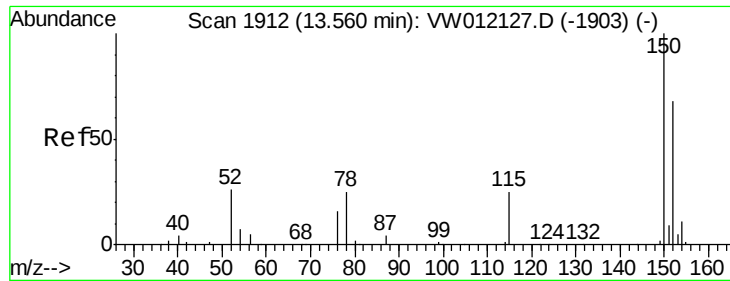
Tgt Ion: 95 Resp: 145047
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.8
176 73.1 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012365.D
Acq: 30 Aug 2019 23:02

Tgt Ion: 117 Resp: 305938
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.4 25.4 38.2



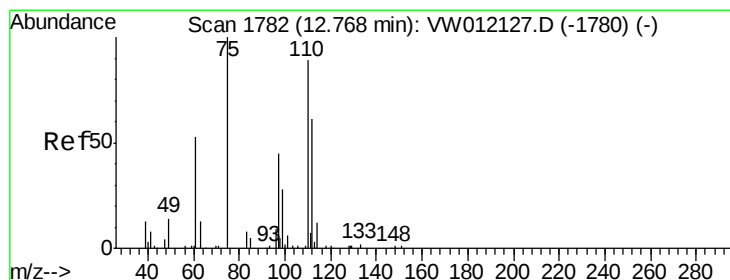
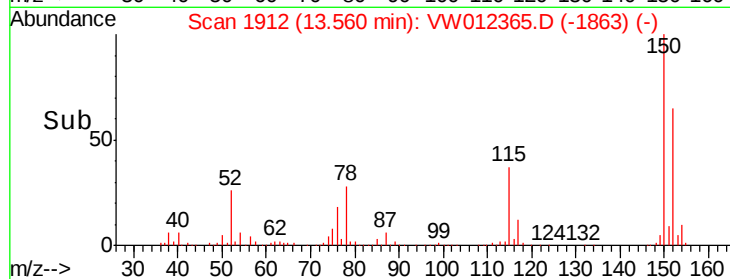
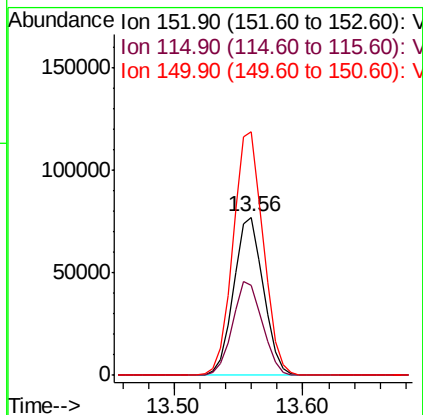
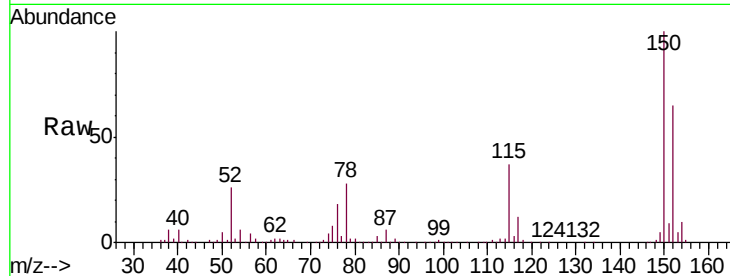


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012365.D
Acq: 30 Aug 2019 23:02

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBL02

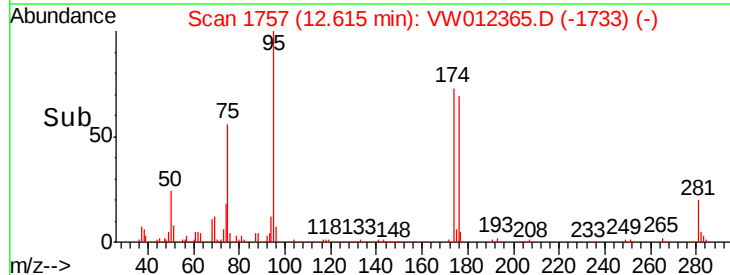
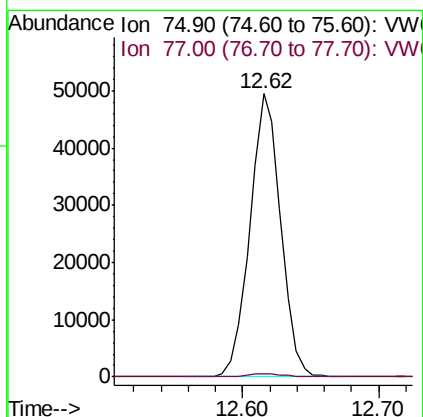
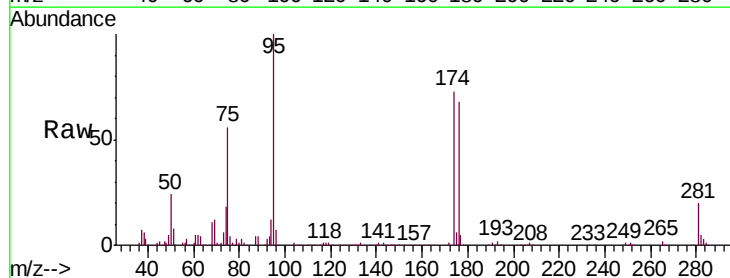
Tgt Ion:152 Resp: 123681
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 155.7 0.0 345.8

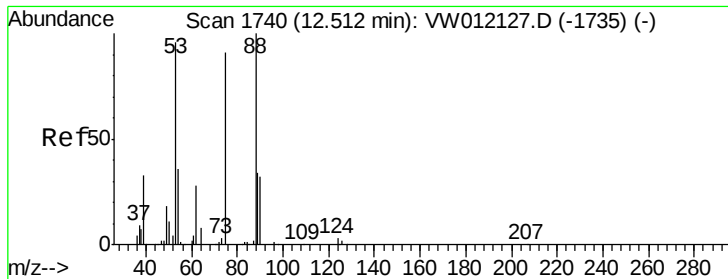


#76

1,2,3-Trichloropropane
Concen: 65.043 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012365.D
Acq: 30 Aug 2019 23:02

Tgt Ion: 75 Resp: 78349
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 142.610 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012365.D

Acq: 30 Aug 2019 23:02

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBL02

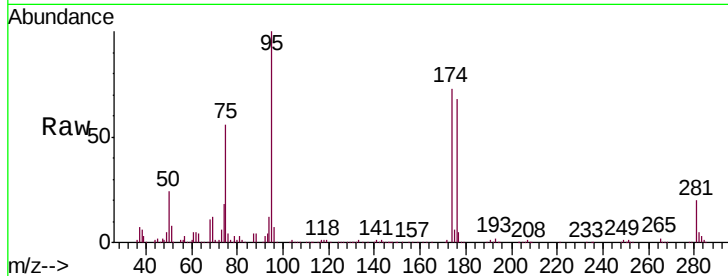
Tgt Ion: 75 Resp: 78349

Ion Ratio Lower Upper

75 100

53 0.1 89.4 134.0#

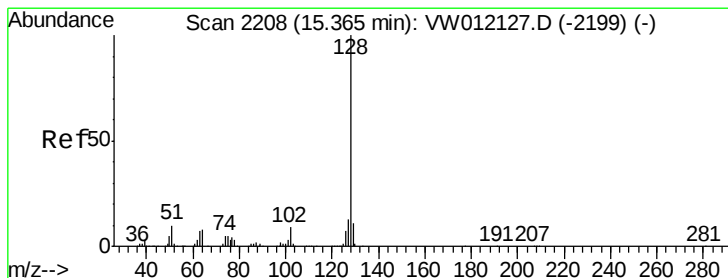
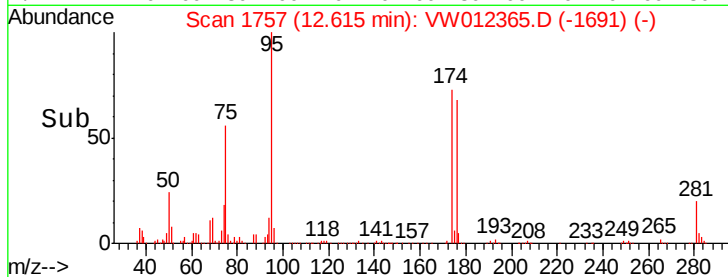
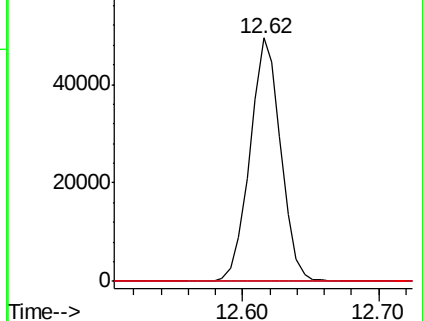
89 0.2 34.5 51.7#



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: 4.420 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012365.D

Acq: 30 Aug 2019 23:02

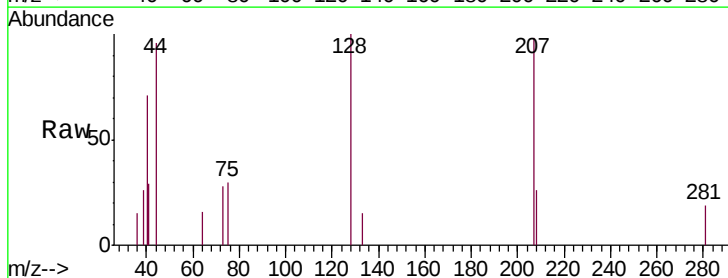
Tgt Ion: 128 Resp: 507

Ion Ratio Lower Upper

128 100

127 8.7 10.7 16.1#

129 0.0 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

