

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
 Data File : VW009122.D
 Acq On : 12 Mar 2019 13:44
 Operator : SY/VA
 Sample : VW0312SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0312SBL01

Quant Time: Mar 13 01:51:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186453	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	168952	58.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.00%	
35) Dibromofluoromethane	7.88	113	139905	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	555566	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	184563	41.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.84%	

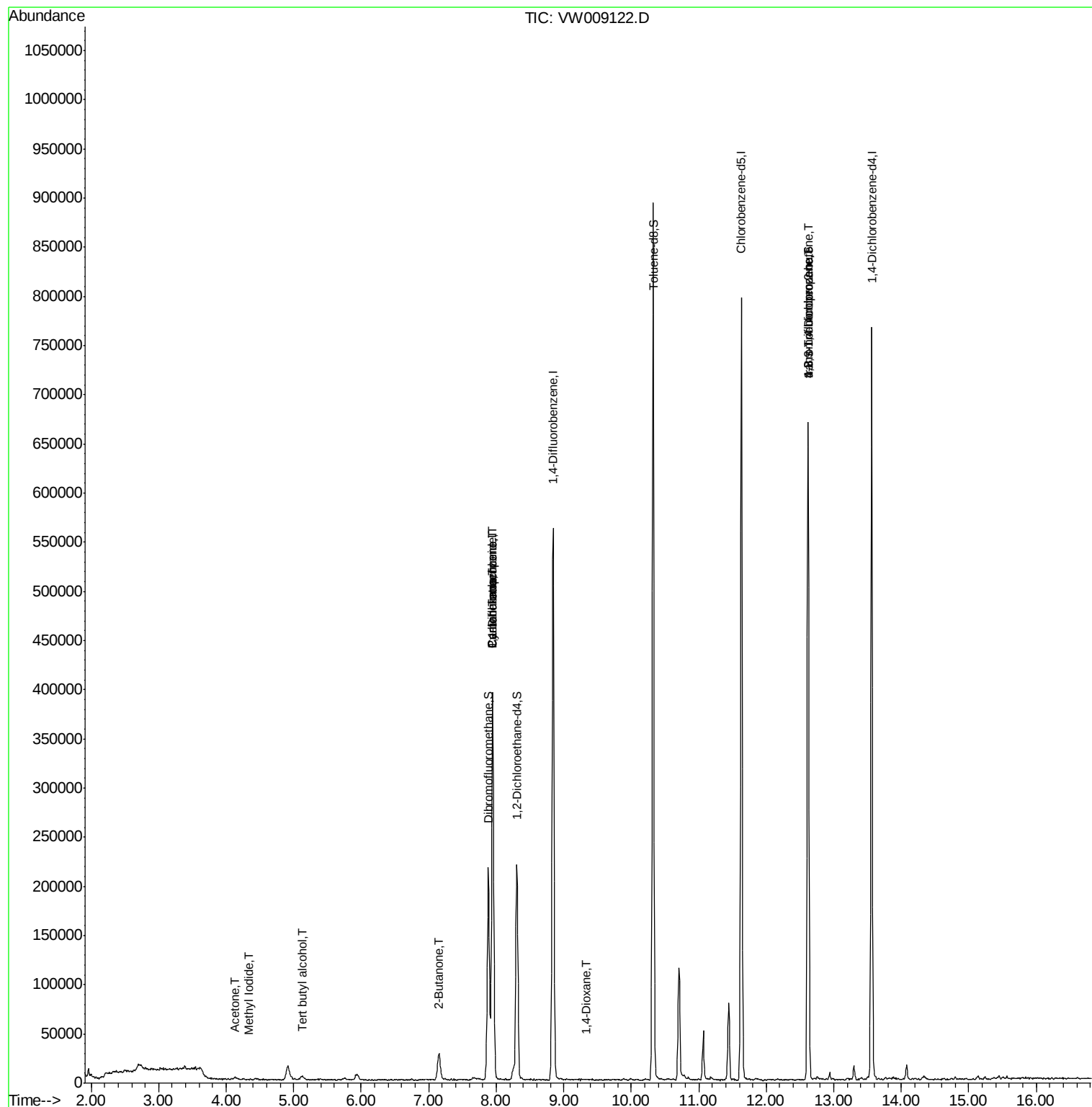
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.34	142	19	3.193	ug/l #	40
11) Tert butyl alcohol	5.13	59	3311	14.961	ug/l #	79
16) Acetone	4.14	43	4934	7.571	ug/l #	82
20) Methylene Chloride	4.92	84	10497	Below Cal		95
25) 2-Butanone	7.16	43	2119	2.353	ug/l #	74
31) Cyclohexane	7.95	56	7304	1.356	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	22816	4.767	ug/l #	49
38) Carbon Tetrachloride	7.94	117	29692	6.007	ug/l #	17
49) 1,4-Dioxane	9.34	88	40	1.598	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	98886	67.126	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	98886	150.144	ug/l #	5

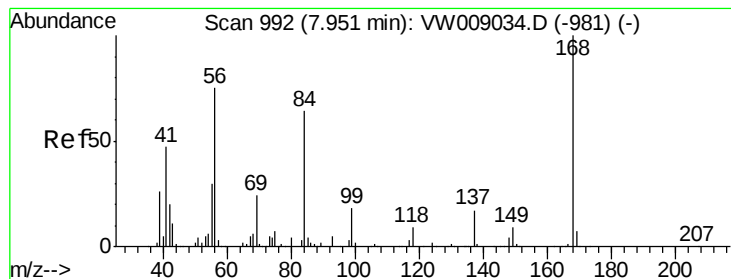
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW031219\
Data File : VW009122.D
Acq On : 12 Mar 2019 13:44
Operator : SY/VA
Sample : VW0312SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0312SBL01

Quant Time: Mar 13 01:51:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009122.D

Acq: 12 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

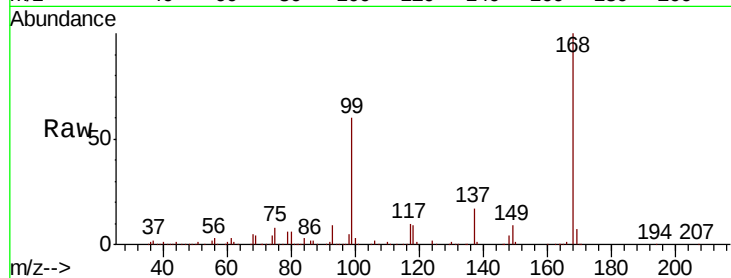
VW0312SBL01

Tgt Ion:168 Resp: 287055

Ion Ratio Lower Upper

168 100

99 59.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

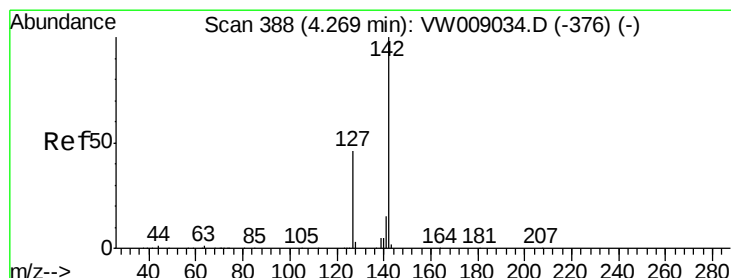
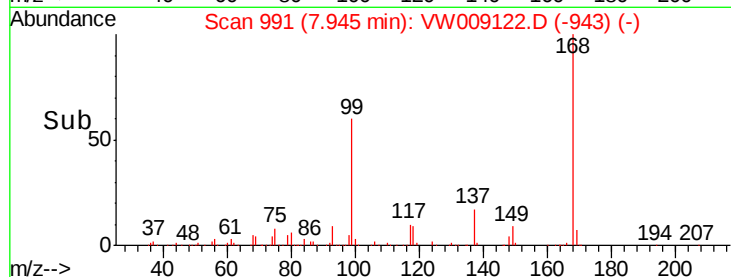
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 3.193 ug/l

RT: 4.34 min Scan# 399

Delta R.T. 0.07 min

Lab File: VW009122.D

Acq: 12 Mar 2019 13:44

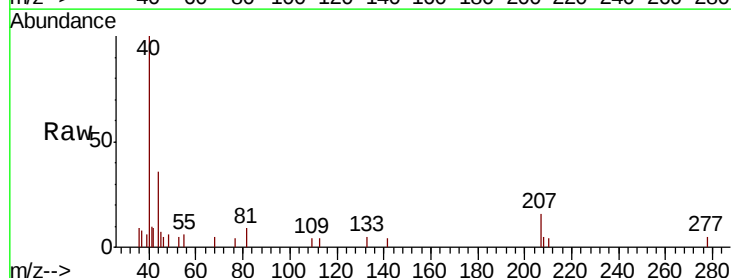
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 35.8 53.6#

141 0.0 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.34

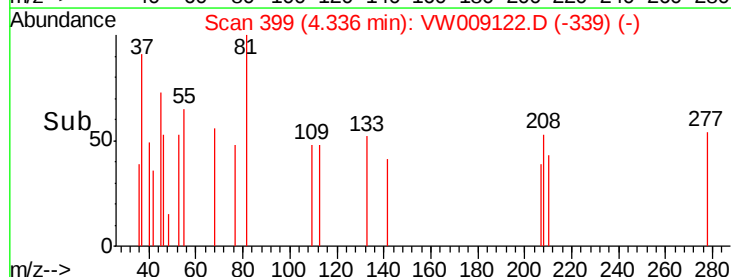
60

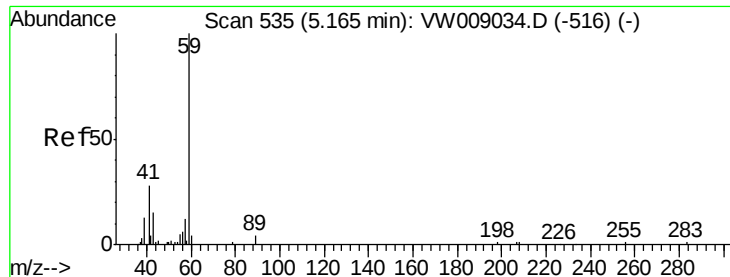
40

20

0

Time--> 4.32 4.33 4.34 4.35



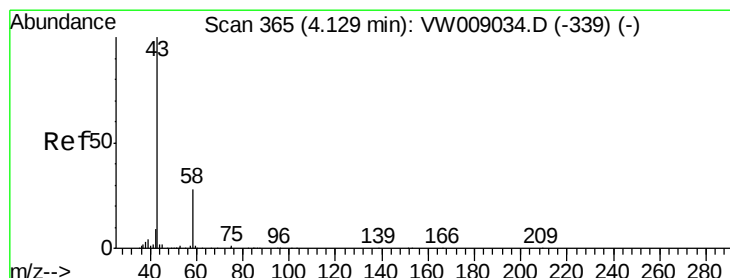
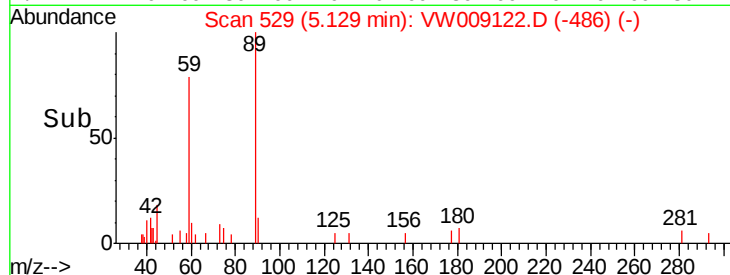
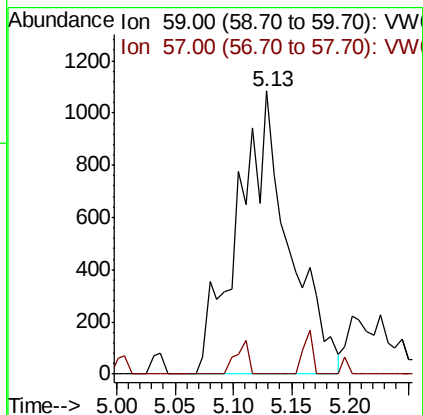
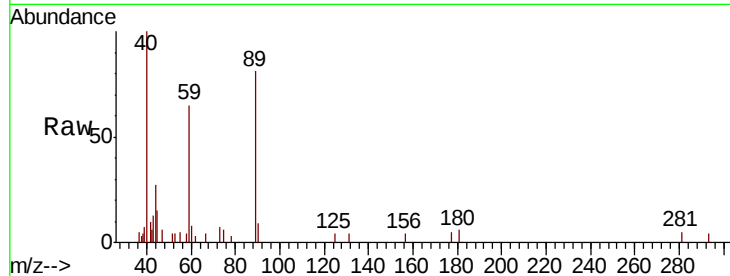


#11

Tert butyl alcohol
 Concen: 14.961 ug/l
 RT: 5.13 min Scan# 529
 Delta R.T. -0.04 min
 Lab File: VW009122.D
 Acq: 12 Mar 2019 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0312SBL01

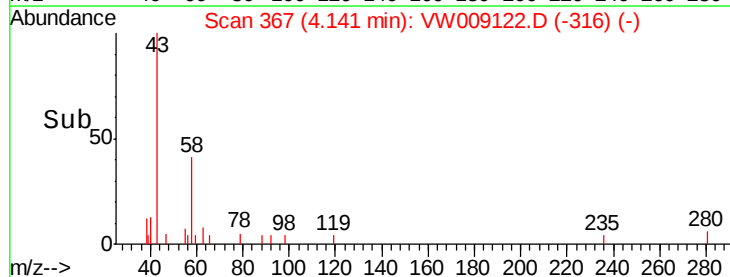
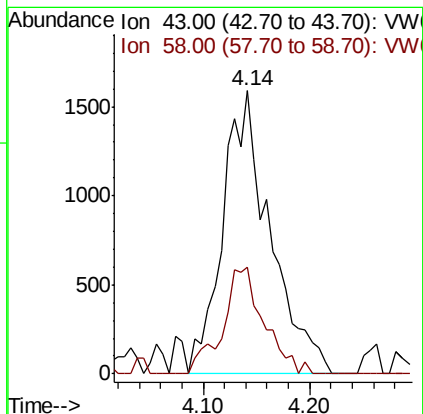
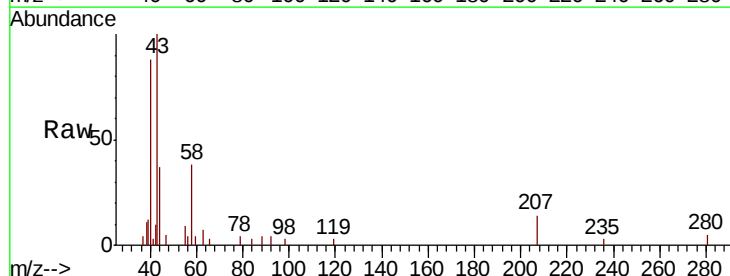
Tgt Ion: 59 Resp: 3311
 Ion Ratio Lower Upper
 59 100
 57 2.9 8.6 12.8#

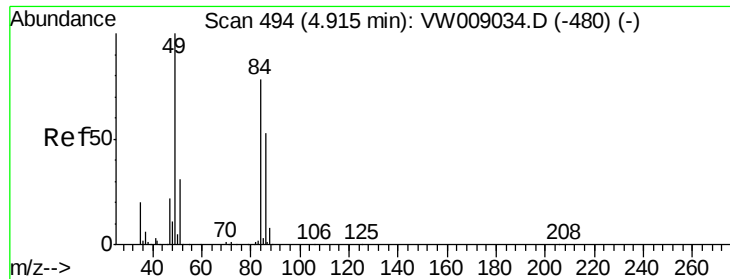


#16

Acetone
 Concen: 7.571 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW009122.D
 Acq: 12 Mar 2019 13:44

Tgt Ion: 43 Resp: 4934
 Ion Ratio Lower Upper
 43 100
 58 37.6 22.5 33.7#

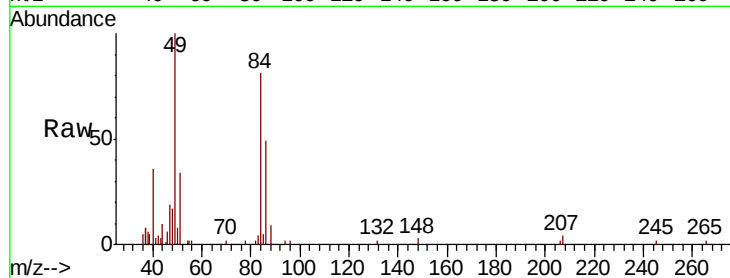




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009122.D
Acq: 12 Mar 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0312SBL01

Tgt Ion:	84	Resp:	10497
Ion	Ratio	Lower	Upper
84	100		
49	123.2	102.4	153.6
51	39.7	31.6	47.4
86	60.1	54.5	81.7



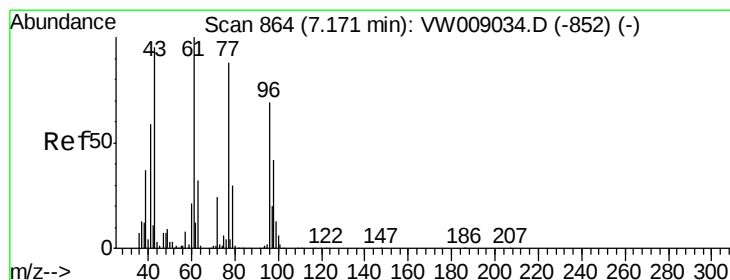
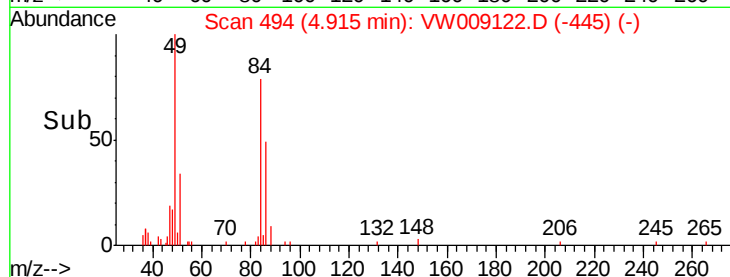
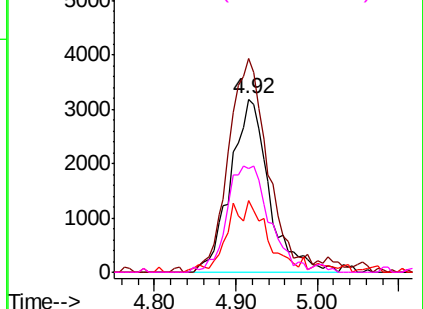
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

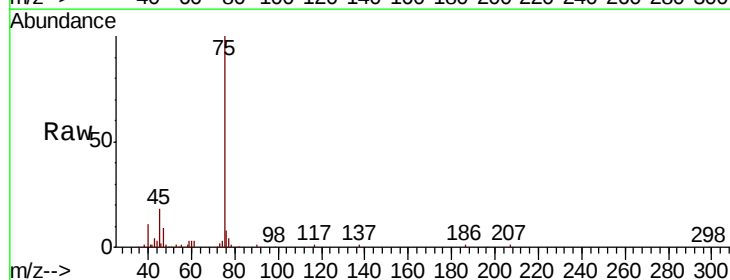
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.353 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009122.D
Acq: 12 Mar 2019 13:44

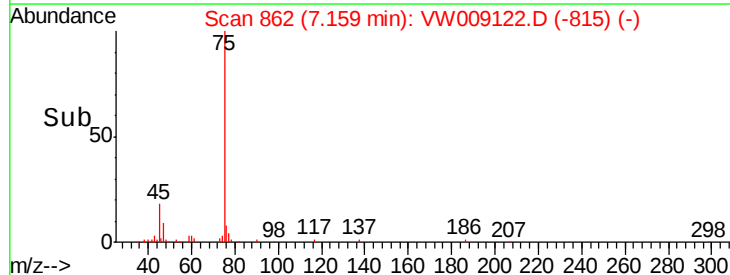
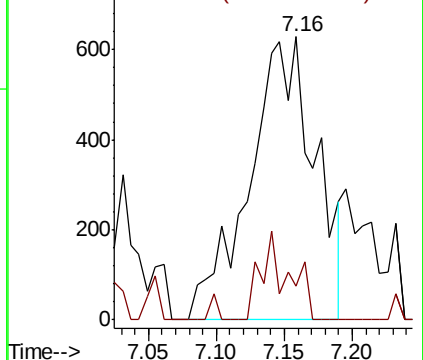
Tgt Ion:	43	Resp:	2119
Ion	Ratio	Lower	Upper
43	100		
72	12.1	20.0	30.0#

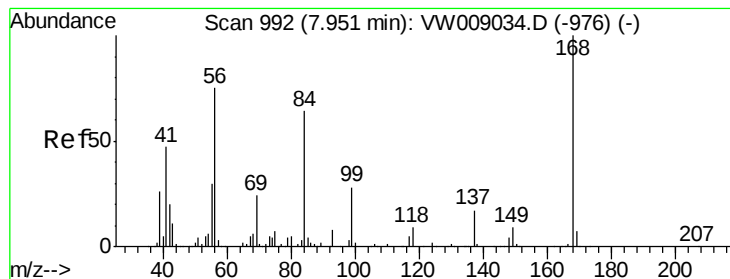


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.356 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009122.D

Acq: 12 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0312SBL01

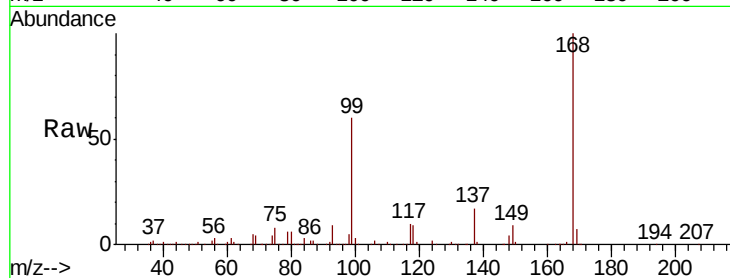
Tgt Ion: 56 Resp: 7304

Ion Ratio Lower Upper

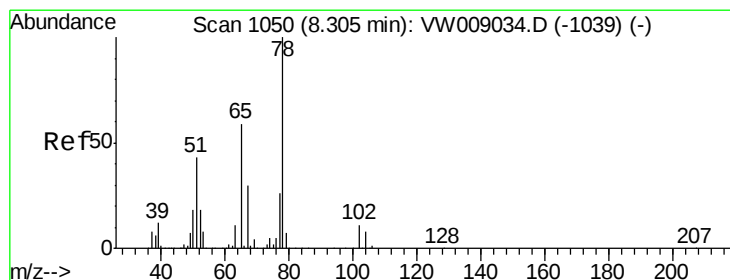
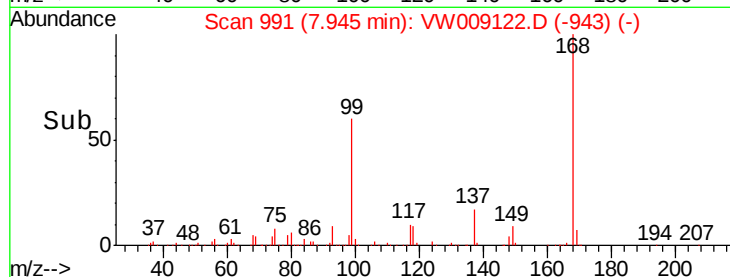
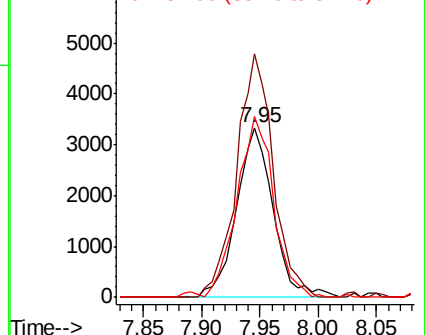
56 100

69 143.6 25.5 38.3#

84 106.6 68.6 103.0#



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: 58.500 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009122.D

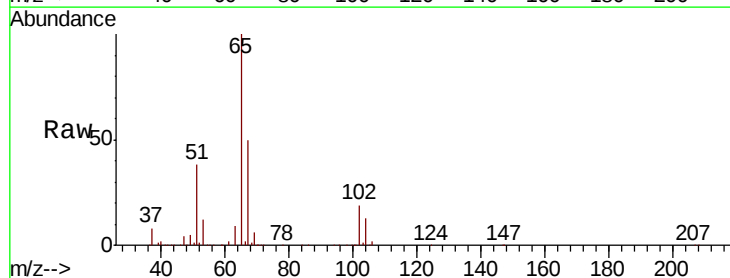
Acq: 12 Mar 2019 13:44

Tgt Ion: 65 Resp: 168952

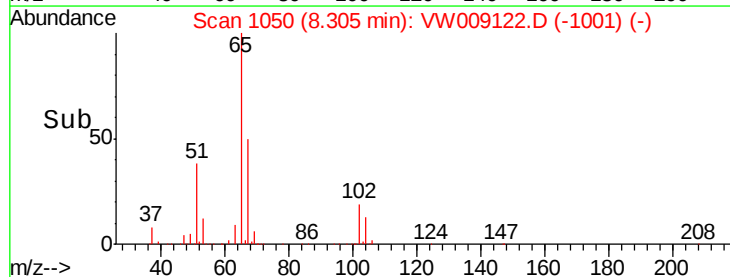
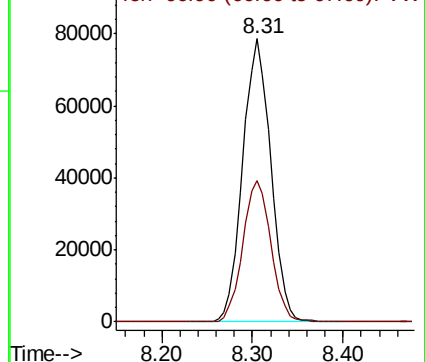
Ion Ratio Lower Upper

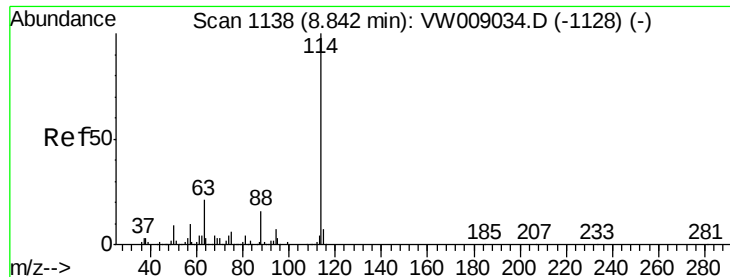
65 100

67 49.8 0.0 103.0



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

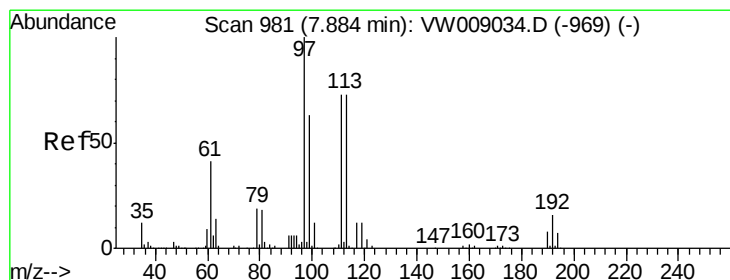
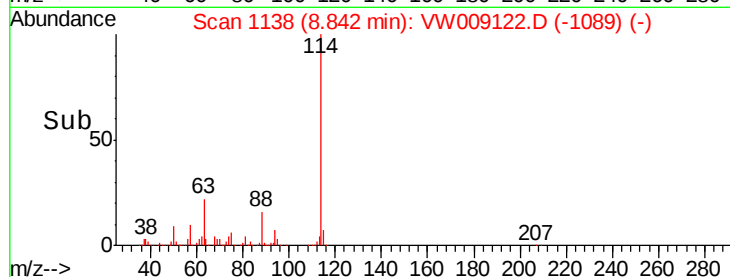
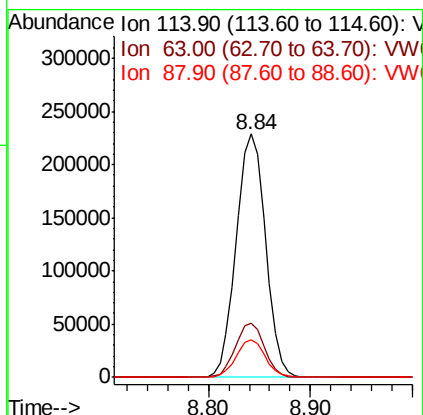
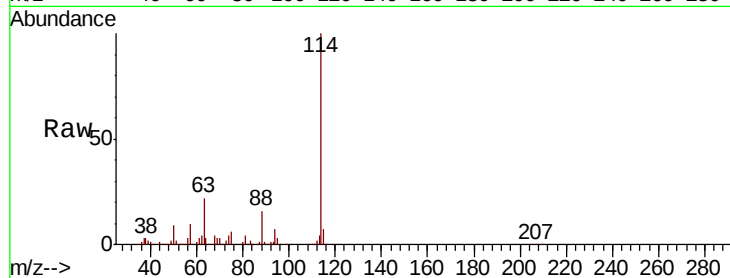




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009122.D
 Acq: 12 Mar 2019 13:44

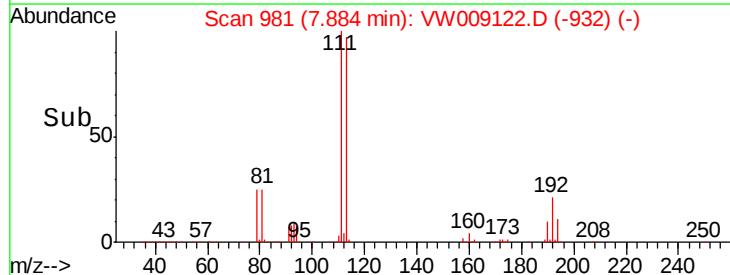
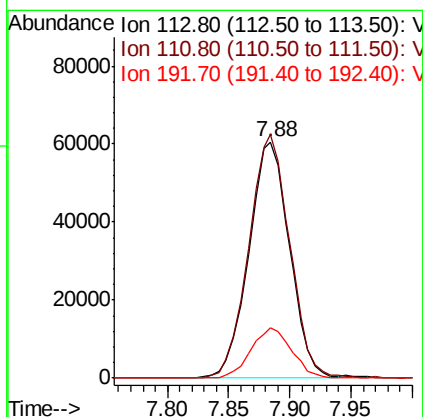
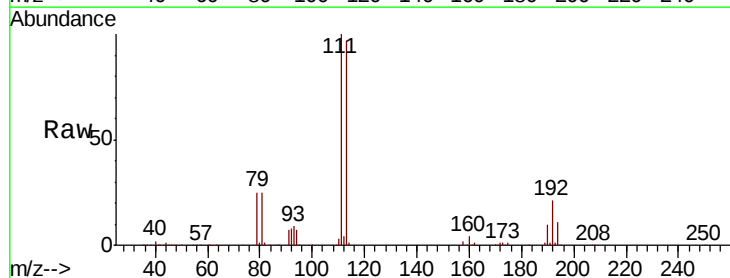
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0312SBL01

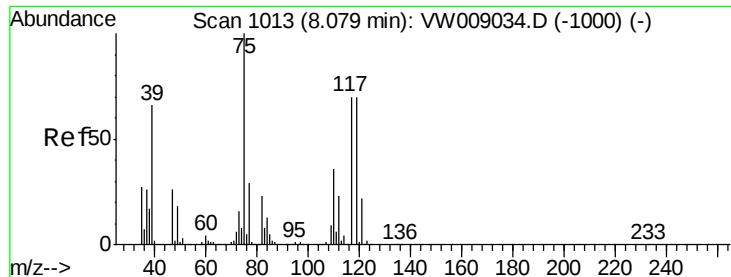
Tgt Ion:114 Resp: 457748
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.2
 88 15.6 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 50.763 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009122.D
 Acq: 12 Mar 2019 13:44

Tgt Ion:113 Resp: 139905
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.0 121.4
 192 21.4 17.1 25.7

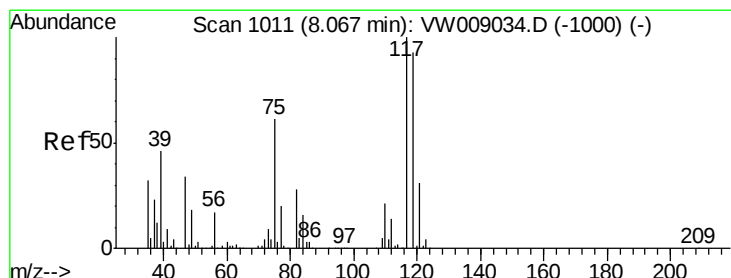
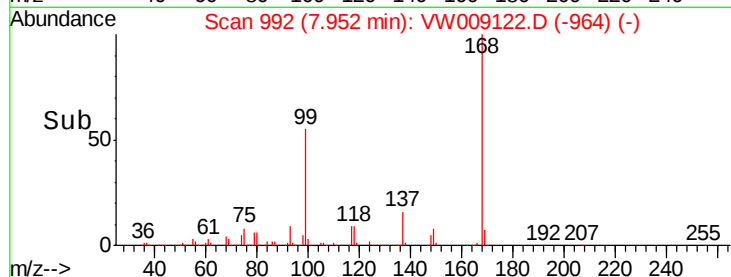
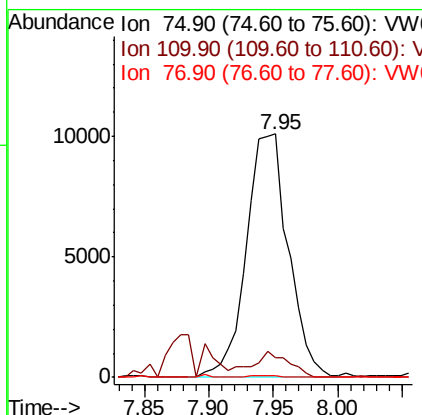
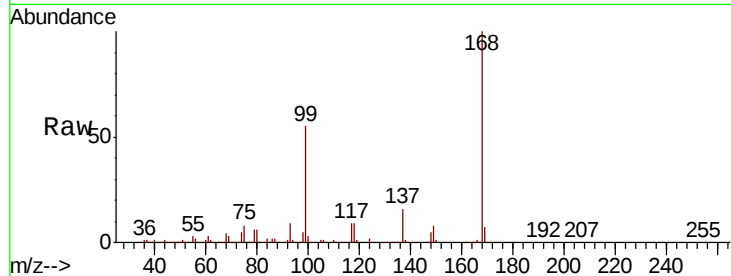




#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009122.D
 Acq: 12 Mar 2019 13:44

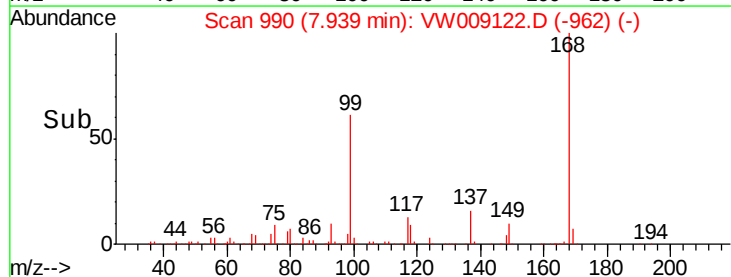
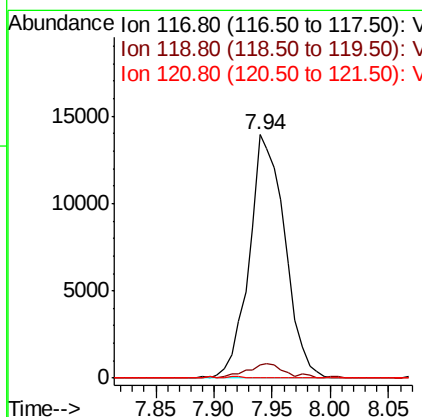
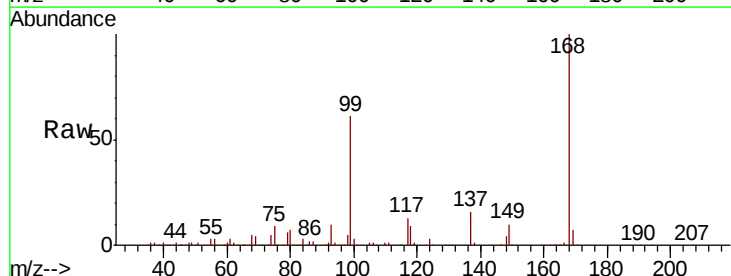
Instrument :
 MSVOA_W
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 VW0312SBL01

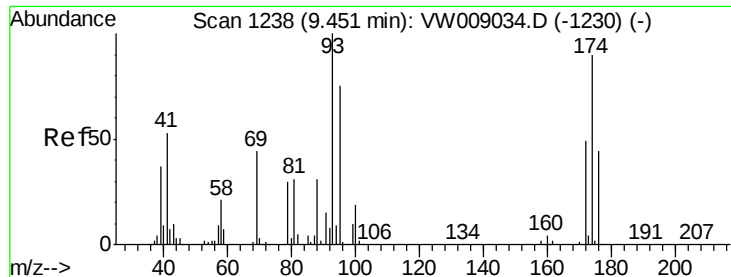
Tgt Ion: 75 Resp: 22816
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.6 52.9#
 77 0.4 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.007 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW009122.D
 Acq: 12 Mar 2019 13:44

Tgt Ion: 117 Resp: 29692
 Ion Ratio Lower Upper
 117 100
 119 5.2 74.6 112.0#
 121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 1.598 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.12 min

Lab File: VW009122.D

Acq: 12 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampled :

VW0312SBL01

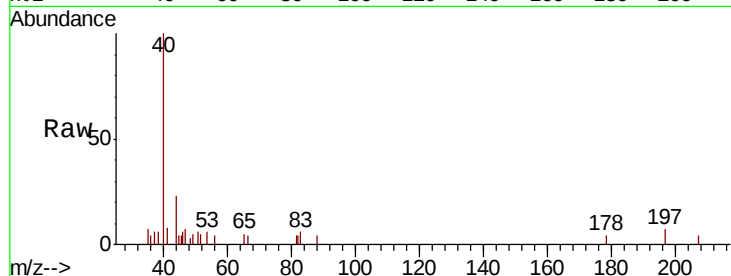
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 110.0 29.0 43.4#

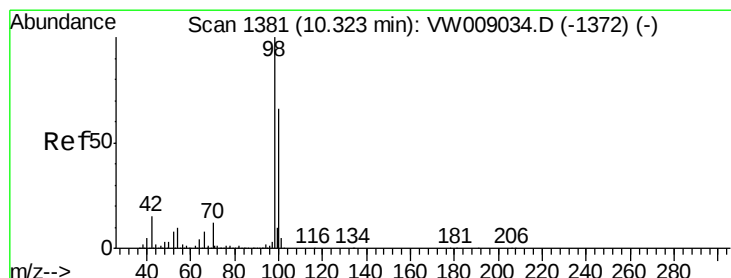
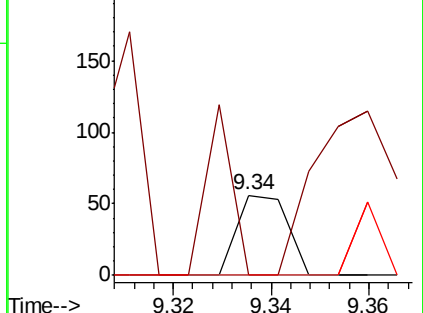
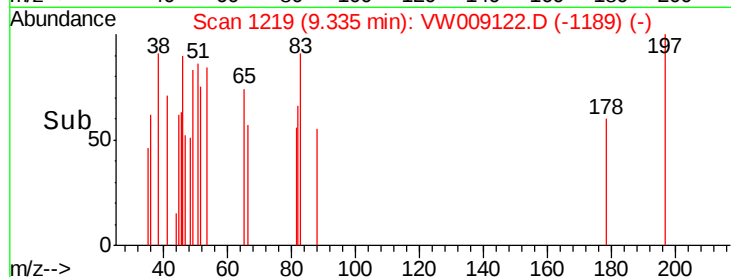
58 0.0 59.2 88.8#



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: 49.080 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009122.D

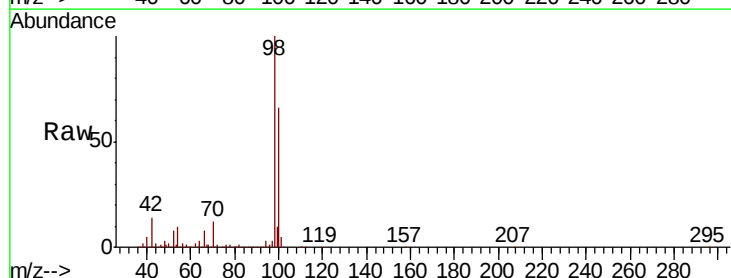
Acq: 12 Mar 2019 13:44

Tgt Ion: 98 Resp: 555566

Ion Ratio Lower Upper

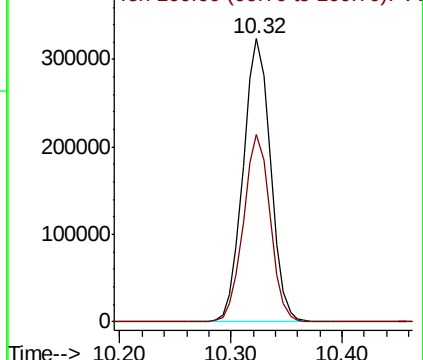
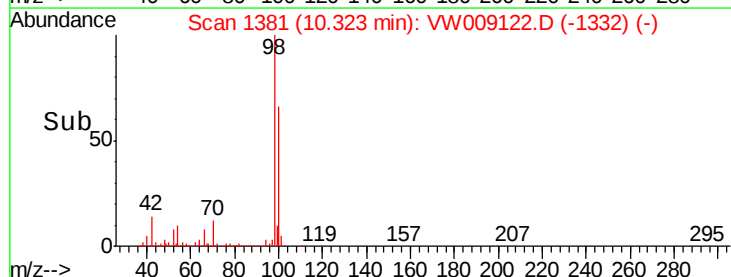
98 100

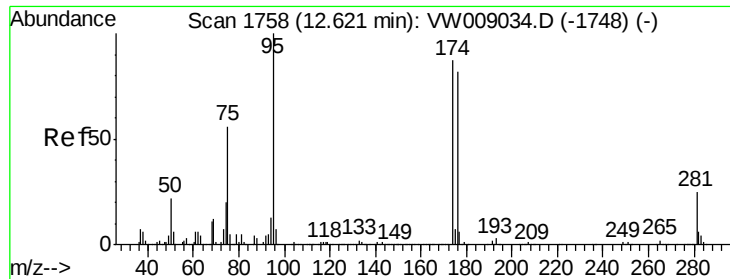
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

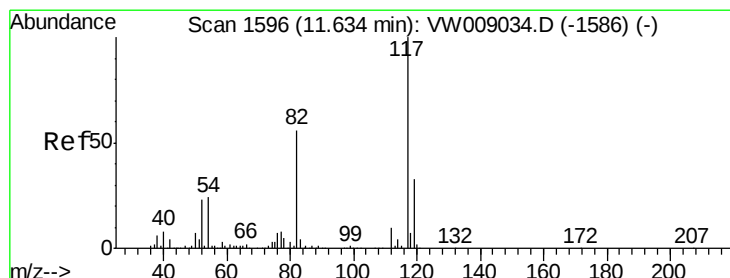
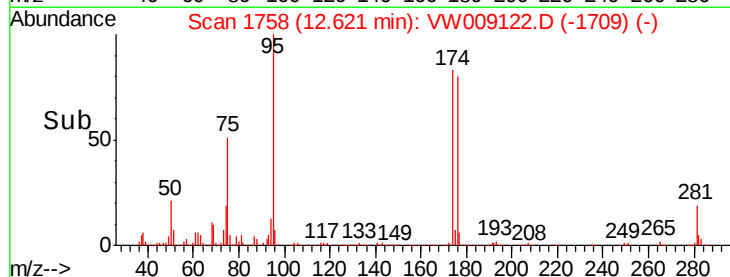
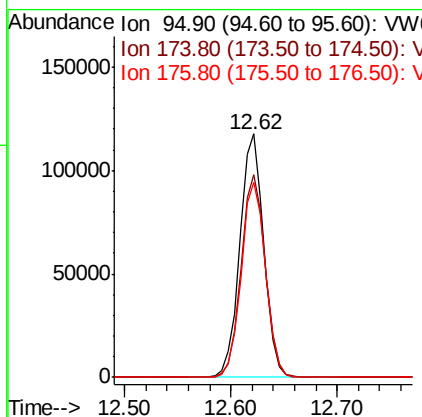
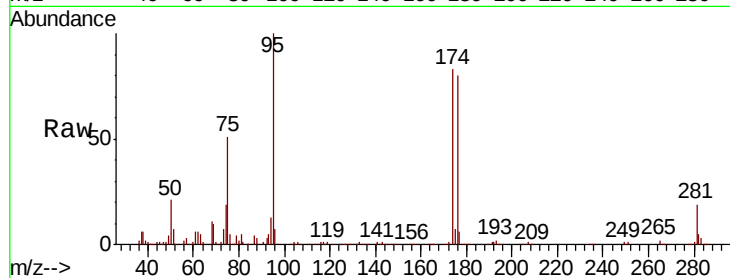




#62
4-Bromofluorobenzene
Concen: 41.419 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009122.D
Acq: 12 Mar 2019 13:44

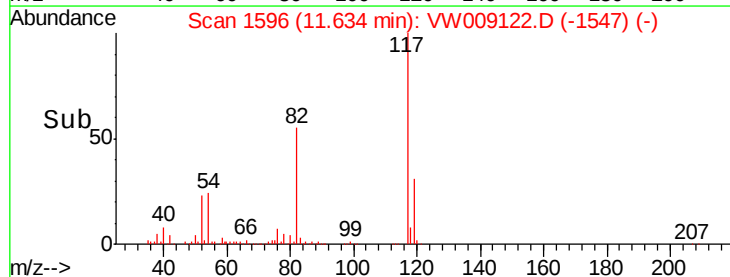
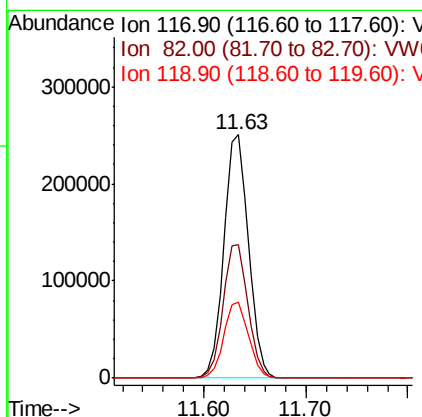
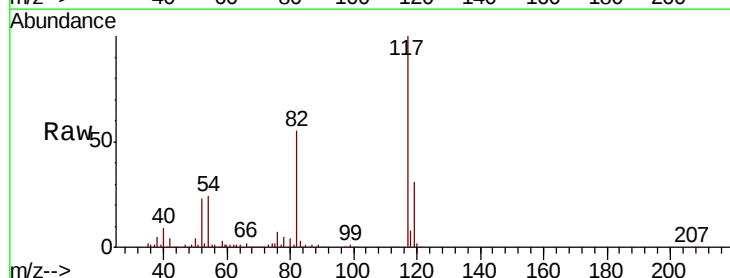
Instrument :
MSVOA_W
ClientSampleId :
VW0312SBL01

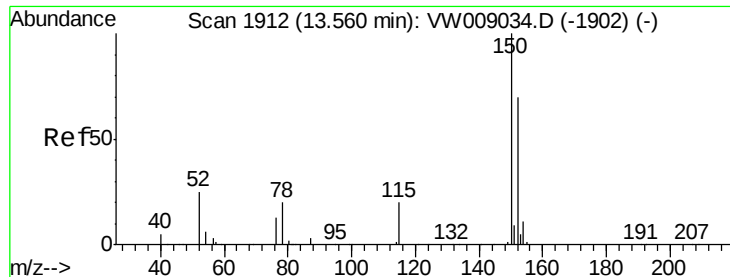
Tgt Ion: 95 Resp: 184563
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.0
176 81.9 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009122.D
Acq: 12 Mar 2019 13:44

Tgt Ion: 117 Resp: 418209
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 31.1 26.6 39.8



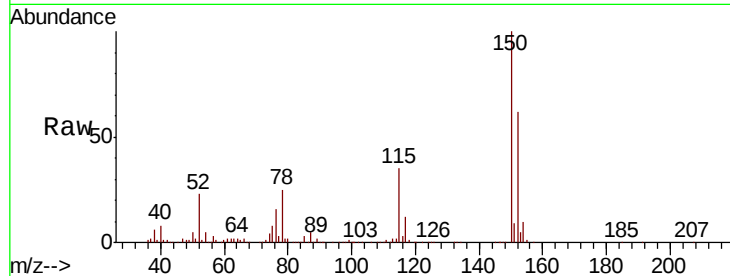


#72

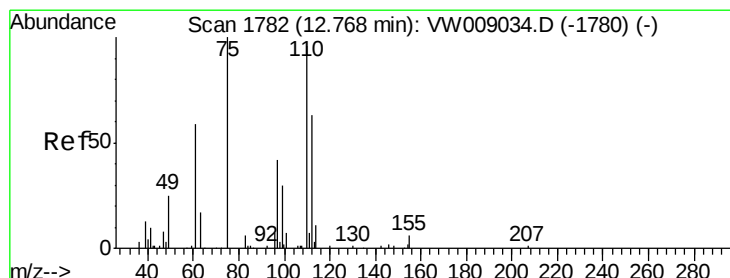
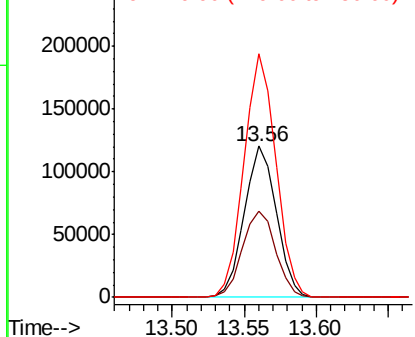
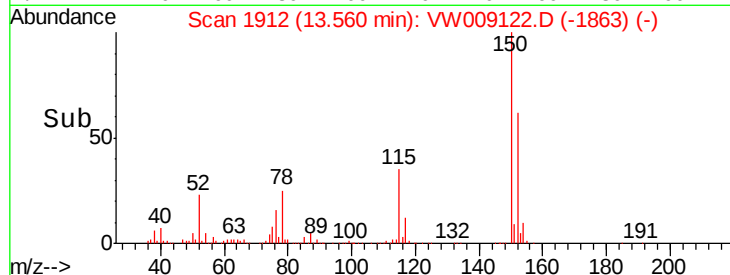
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009122.D
Acq: 12 Mar 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0312SBL01

Tgt Ion:152 Resp: 186453
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 159.8 0.0 349.2



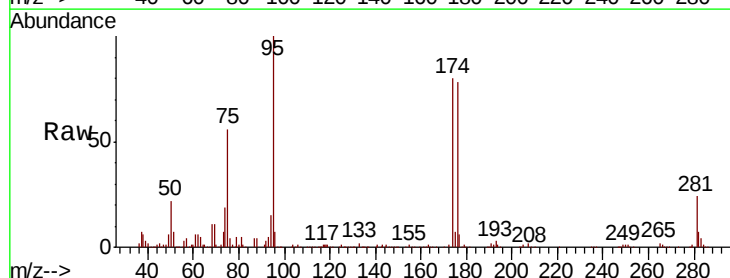
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



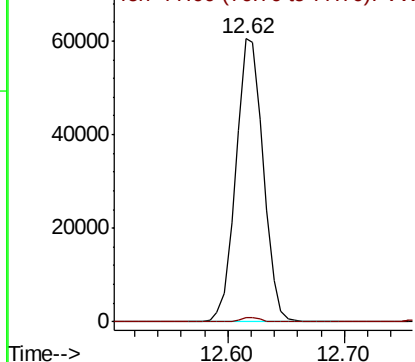
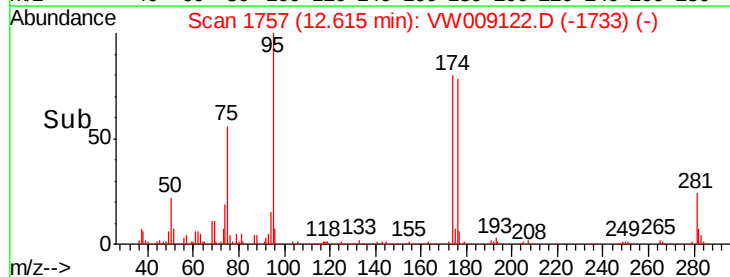
#76

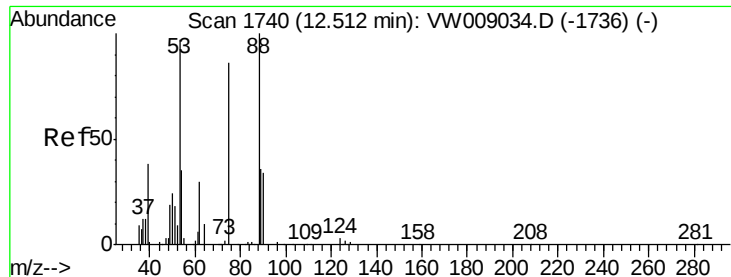
1,2,3-Trichloropropane
Concen: 67.126 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW009122.D
Acq: 12 Mar 2019 13:44

Tgt Ion: 75 Resp: 98886
Ion Ratio Lower Upper
75 100
77 1.4 186.7 560.0#



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: 150.144 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009122.D

Acq: 12 Mar 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0312SBL01

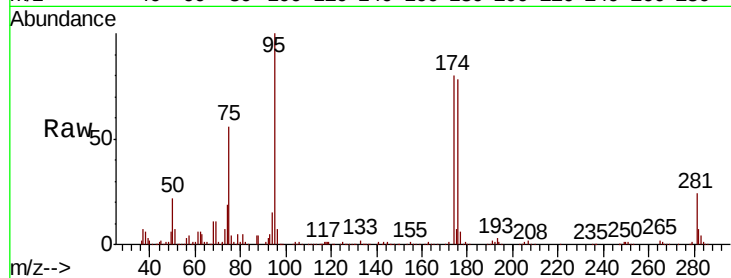
Tgt Ion: 75 Resp: 98886

Ion Ratio Lower Upper

75 100

53 0.3 90.5 135.7#

89 0.2 37.5 56.3#



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

