

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009068.D
 Acq On : 08 Mar 2019 21:17
 Operator : SY/VA
 Sample : K1807-07RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Mar 09 01:21:45 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	197219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	308281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133281	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	122253	61.61	ug/l	0.00
Spiked Amount			Recovery	=	123.22%	
35) Dibromofluoromethane	7.88	113	98229	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
50) Toluene-d8	10.32	98	378525	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.62	95	126864	42.27	ug/l	0.00
Spiked Amount			Recovery	=	84.54%	

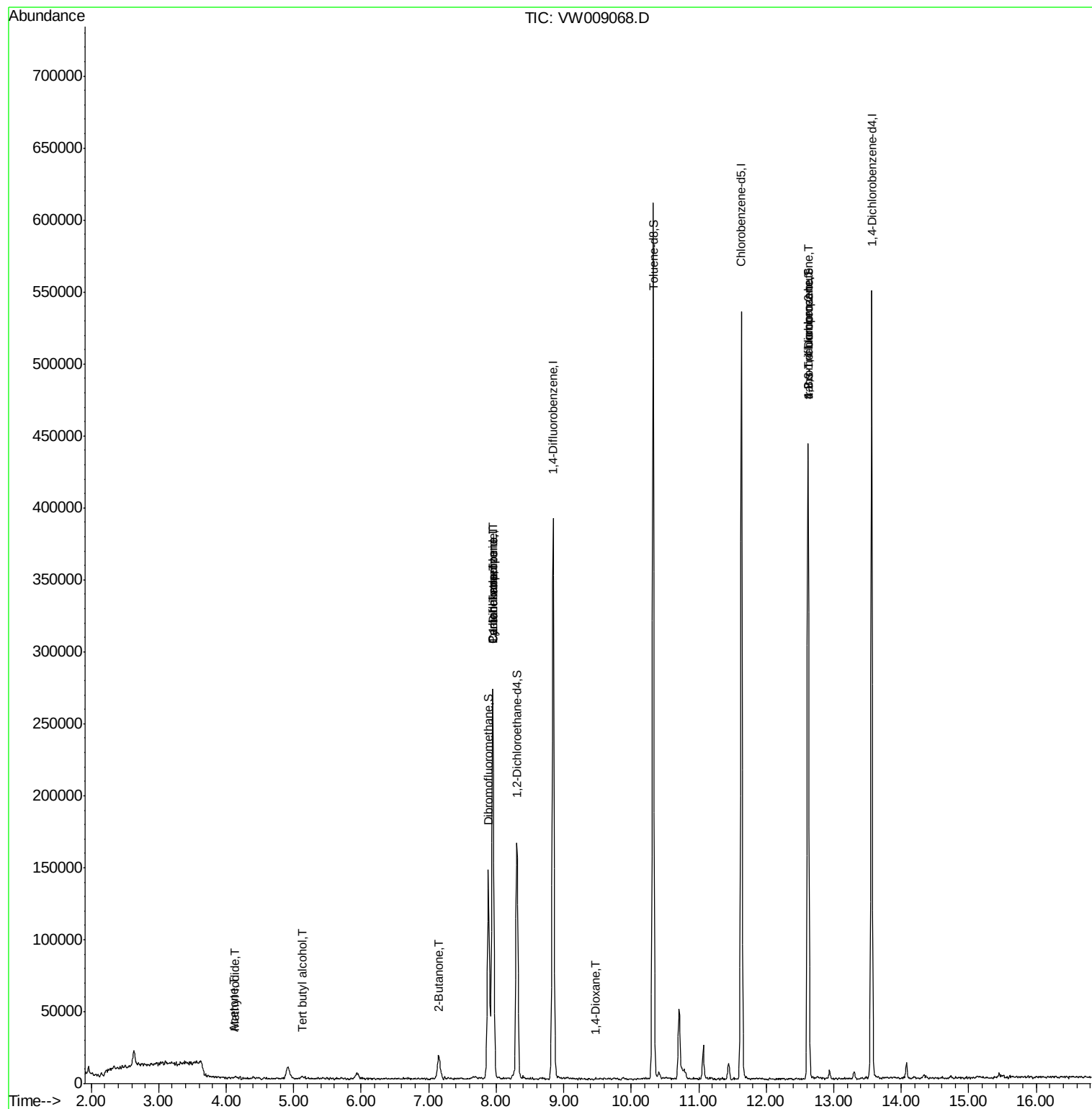
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.13	142	26	3.198	ug/l #	40
11) Tert butyl alcohol	5.13	59	1160	7.629	ug/l #	72
16) Acetone	4.12	43	2508	5.601	ug/l #	84
20) Methylene Chloride	4.92	84	6300	Below Cal	#	87
25) 2-Butanone	7.16	43	1669	2.697	ug/l #	50
31) Cyclohexane	7.95	56	4830	1.305	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	14705	4.562	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19660	5.906	ug/l #	17
49) 1,4-Dioxane	9.46	88	51	3.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	68109	64.679	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	68109	144.670	ug/l #	5

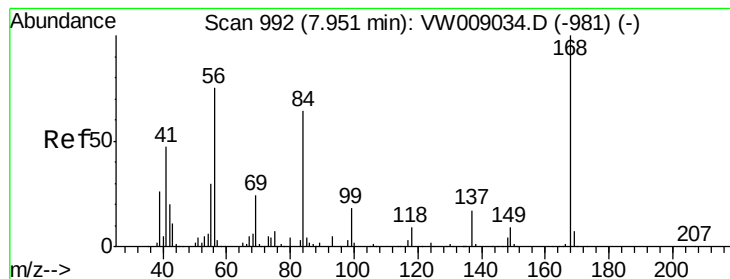
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
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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# 992

Delta R.T. 0.00 min

Lab File: VW009068.D

Acq: 08 Mar 2019 21:17

Instrument :

MSVOA_W

ClientSampled :

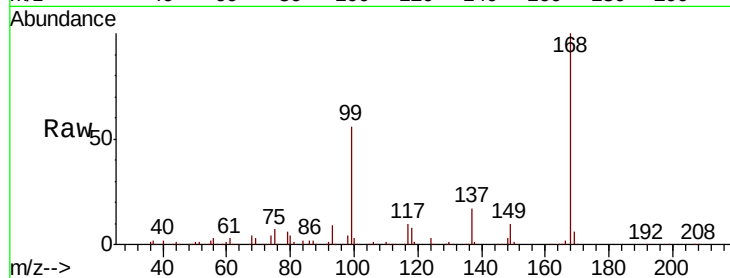
TP-4

Tot Ion:168 Resp: 197219

Ion Ratio Lower Upper

168 100

99 55.8 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

100000

80000

60000

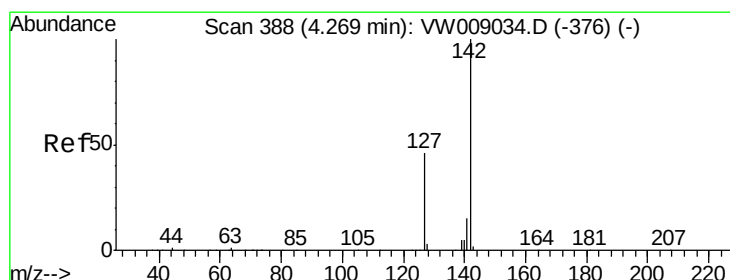
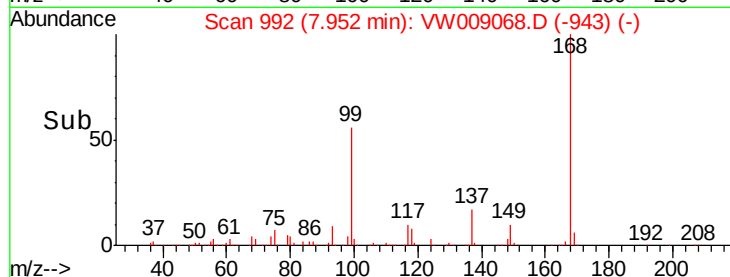
40000

20000

0

7.90 8.00

Time-->



#10

Methyl Iodide

Concen: 3.198 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.14 min

Lab File: VW009068.D

Acq: 08 Mar 2019 21:17

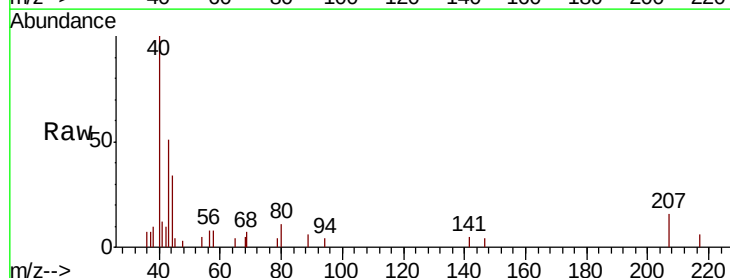
Tgt Ion:142 Resp: 26

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

4.13

80

60

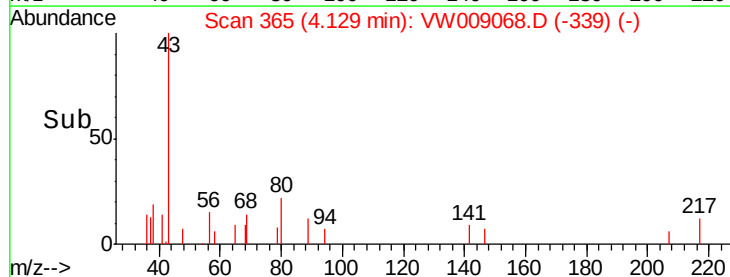
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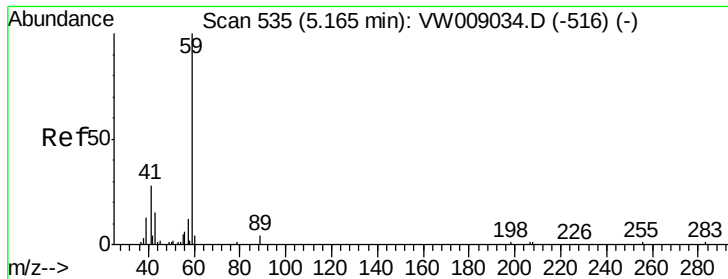
20

0

4.11 4.12 4.13 4.14 4.15

Time-->

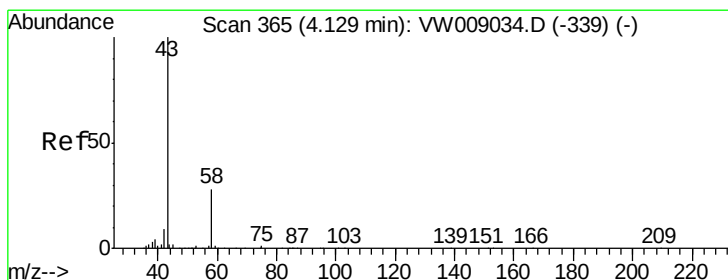
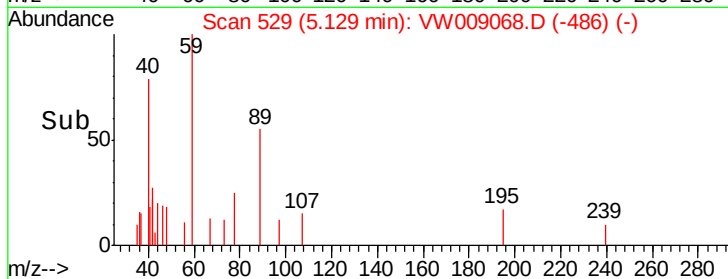
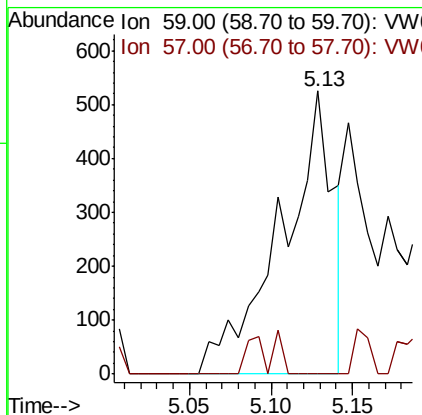
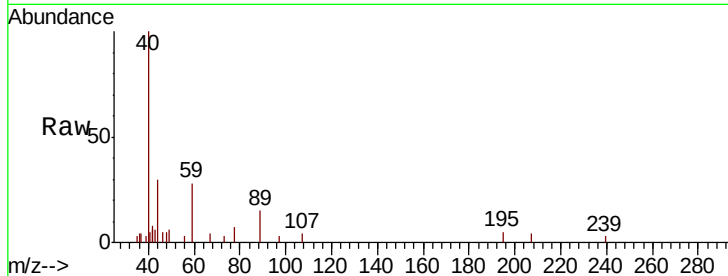




#11
Tert butyl alcohol
Concen: 7.629 ug/l
RT: 5.13 min Scan# 529
Delta R.T. -0.04 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

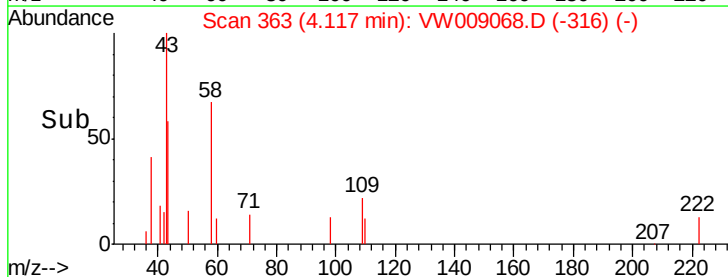
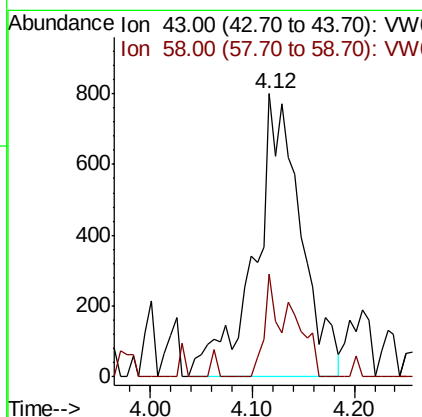
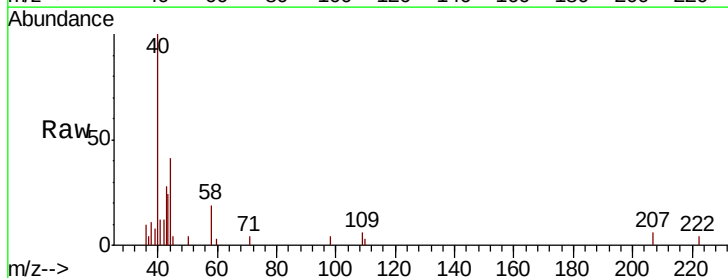
Instrument :
MSVOA_W
ClientSampled :
TP-4

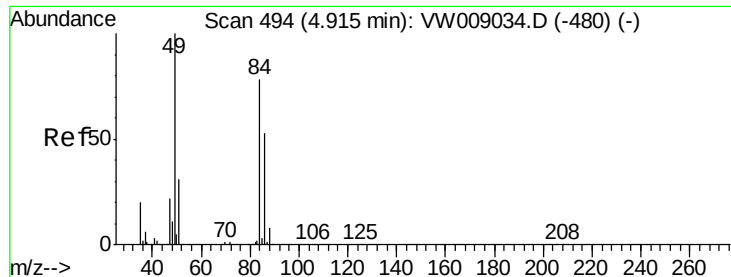
Tot Ion: 59 Resp: 1160
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 5.601 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 36.5 22.5 33.7#

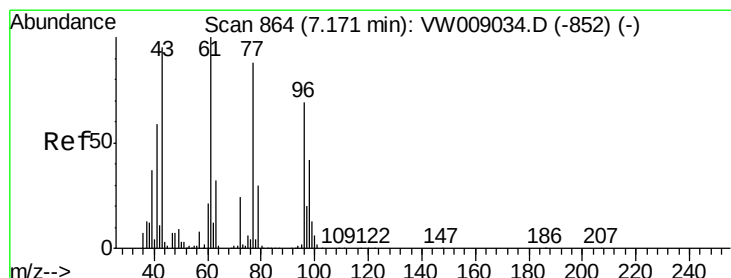
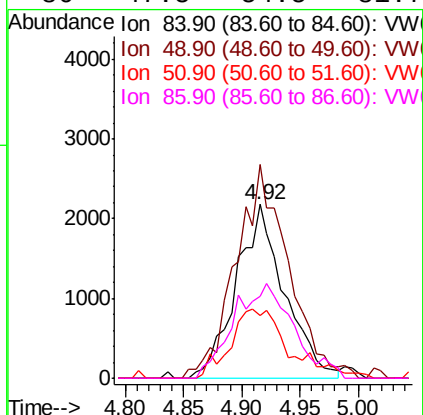
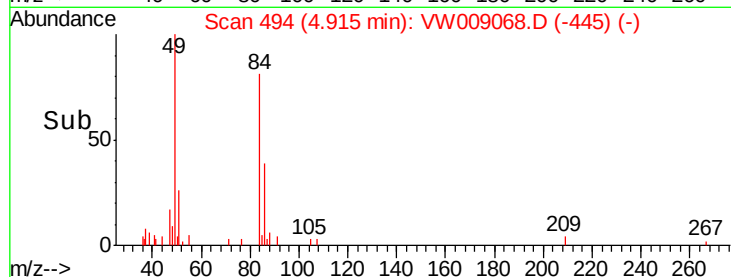
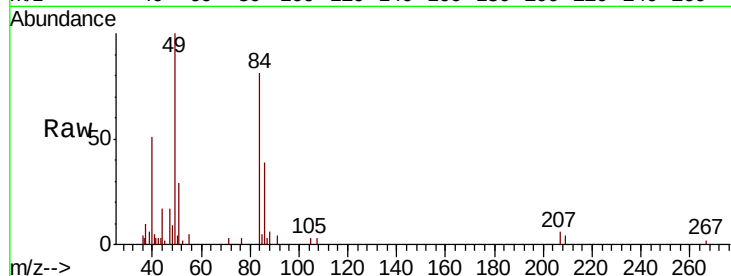




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

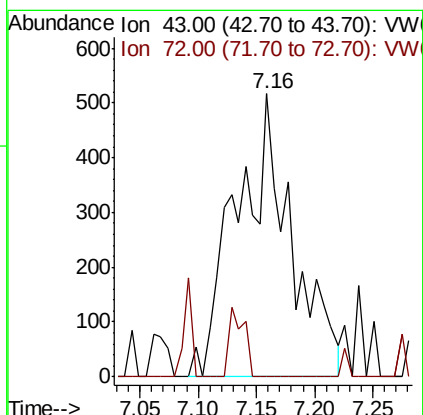
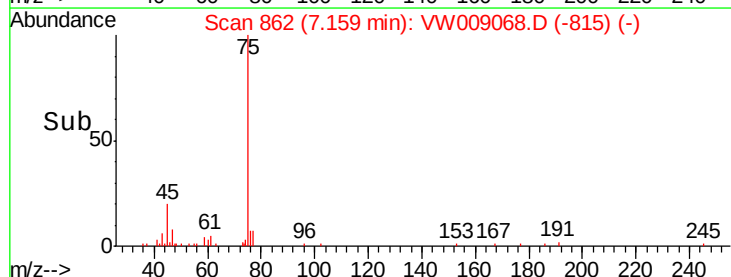
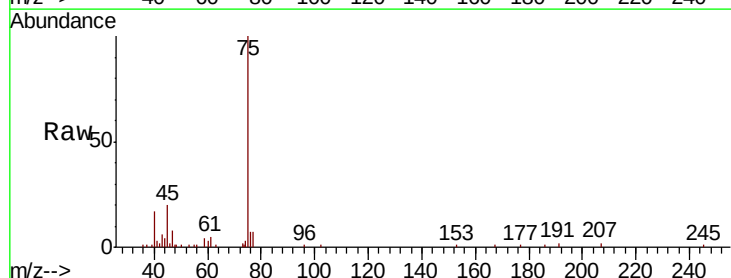
Instrument :
MSVOA_W
ClientSampleId :
TP-4

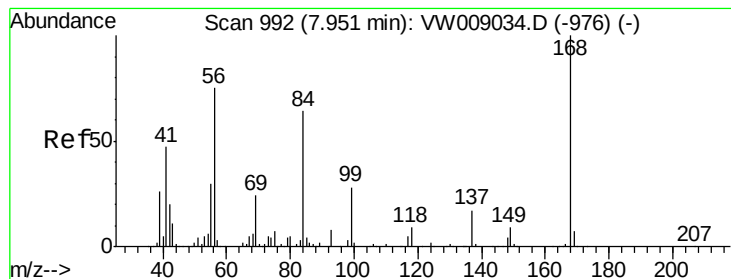
Tot Ion: 84 Resp: 6300
Ion Ratio Lower Upper
84 100
49 118.1 102.4 153.6
51 36.2 31.6 47.4
86 47.5 54.5 81.7#



#25
2-Butanone
Concen: 2.697 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#





#31

Cyclohexane

Concen: 1.305 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009068.D

Acq: 08 Mar 2019 21:17

Instrument :

MSVOA_W

ClientSampled :

TP-4

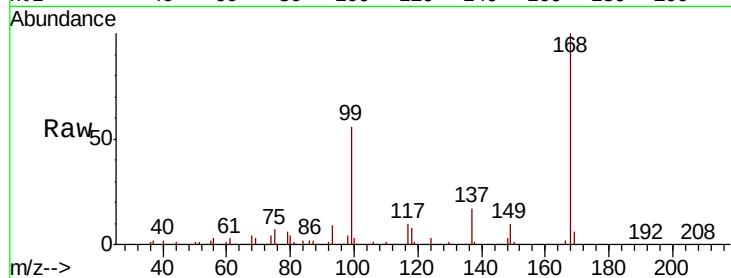
Tot Ion: 56 Resp: 4830

Ion Ratio Lower Upper

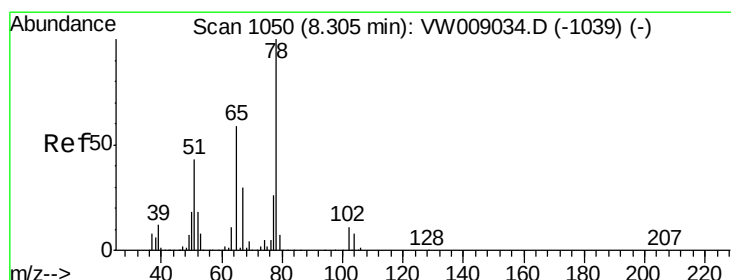
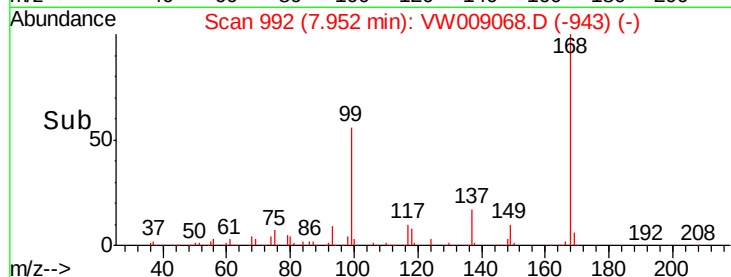
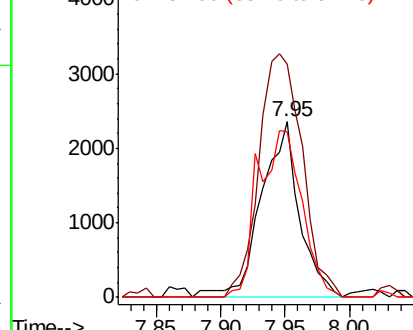
56 100

69 132.8 25.5 38.3#

84 94.1 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: 61.613 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009068.D

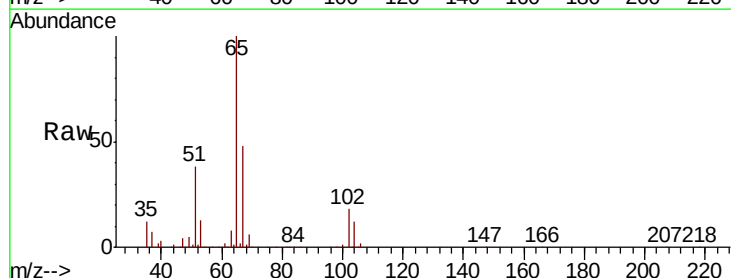
Acq: 08 Mar 2019 21:17

Tgt Ion: 65 Resp: 122253

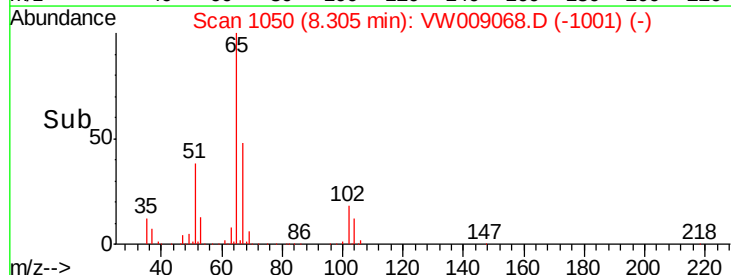
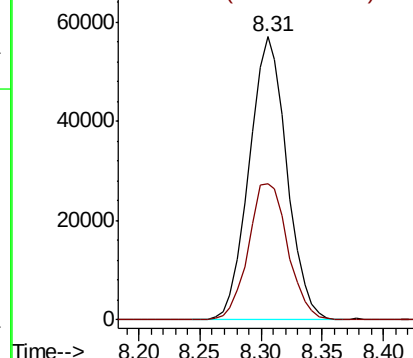
Ion Ratio Lower Upper

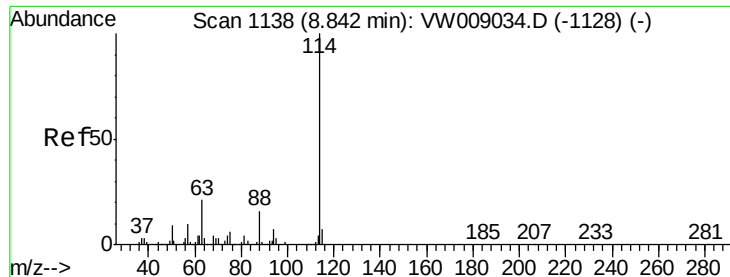
65 100

67 50.6 0.0 103.0



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

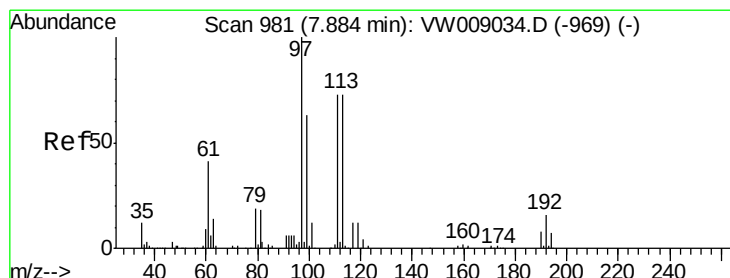
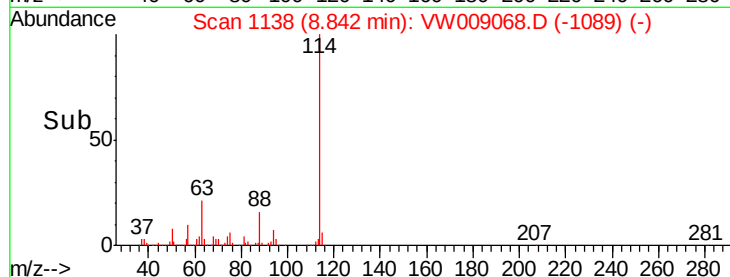
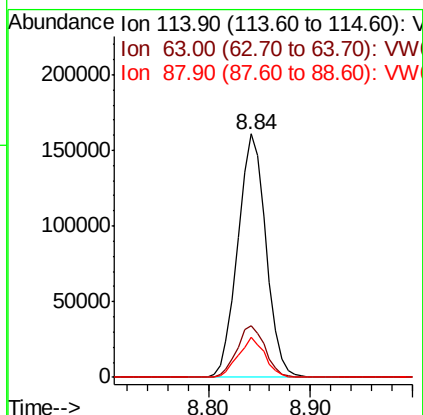
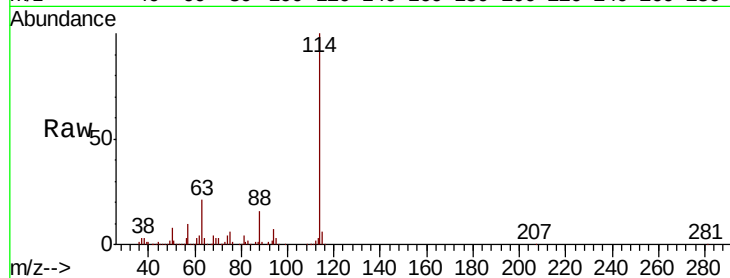




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

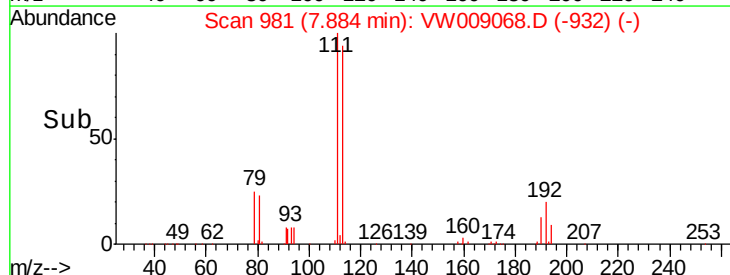
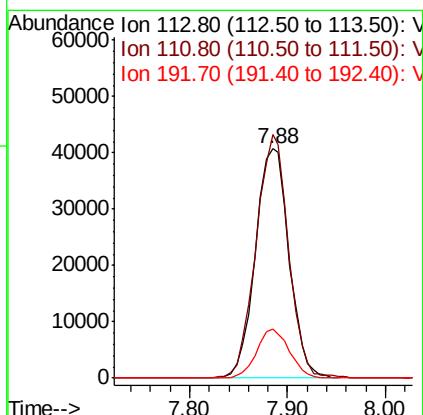
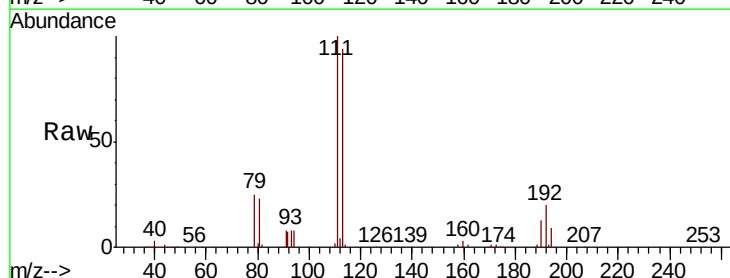
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MSVOA_W
ClientSampleId :
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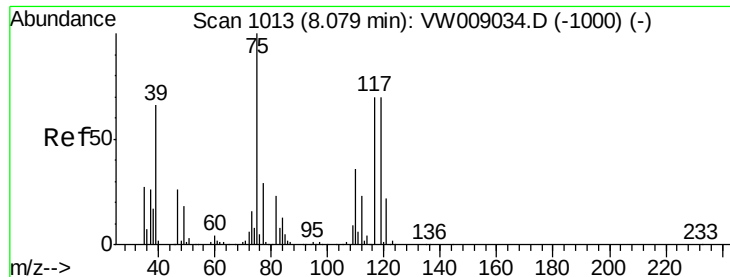
Tot Ion:114 Resp: 308281
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.2
88 16.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.921 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

Tgt Ion:113 Resp: 98229
Ion Ratio Lower Upper
113 100
111 102.7 81.0 121.4
192 20.7 17.1 25.7

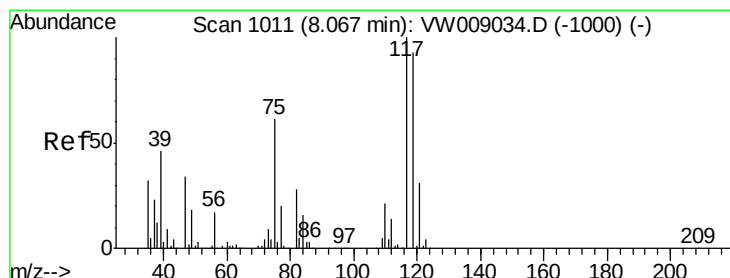
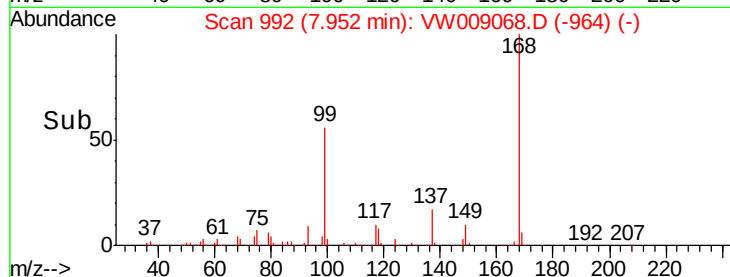
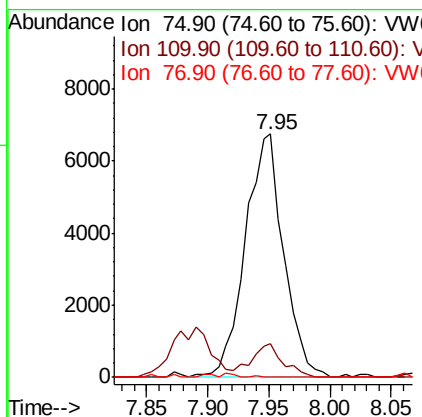
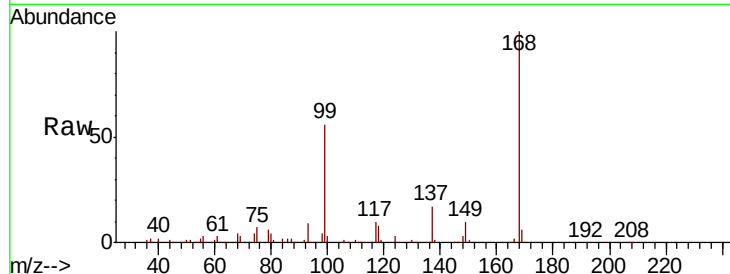




#36
 1,1-Dichloropropene
 Concen: 4.562 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009068.D
 Acq: 08 Mar 2019 21:17

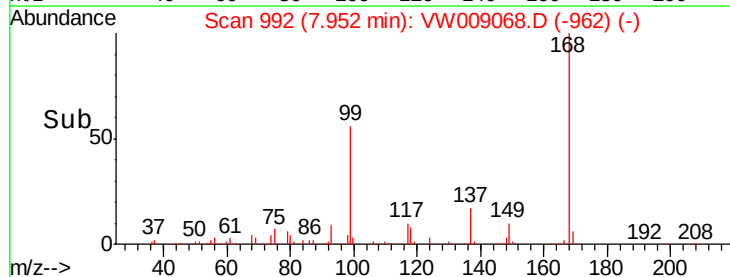
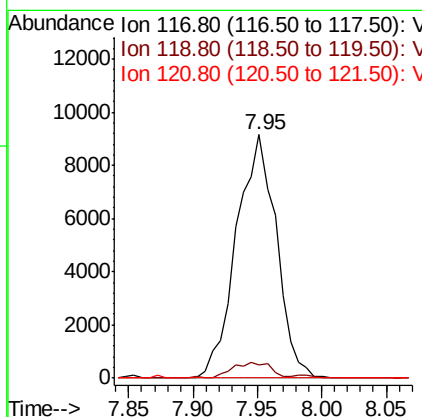
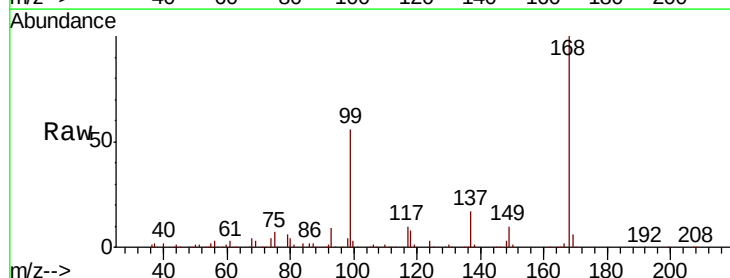
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 ClientSampled :
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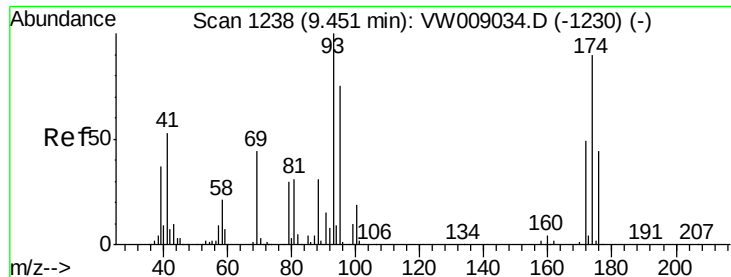
Tot Ion: 75 Resp: 14705
 Ion Ratio Lower Upper
 75 100
 110 11.2 17.6 52.9#
 77 0.1 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.906 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW009068.D
 Acq: 08 Mar 2019 21:17

Tgt Ion: 117 Resp: 19660
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.6 112.0#
 121 0.0 24.7 37.1#

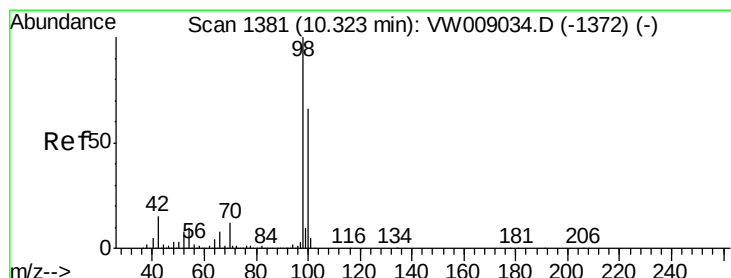
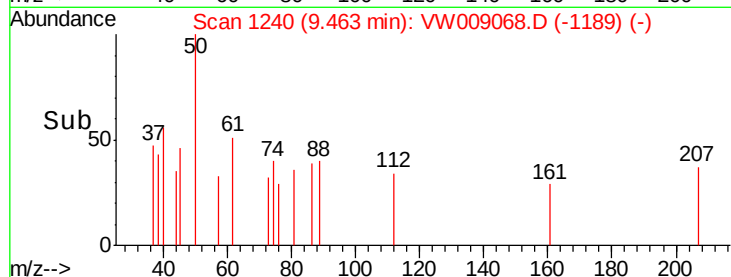
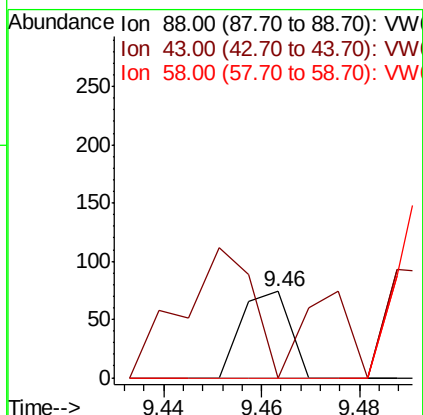
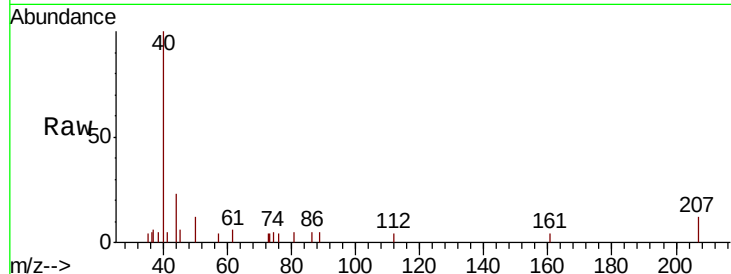




#49
1,4-Dioxane
Concen: 3.026 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

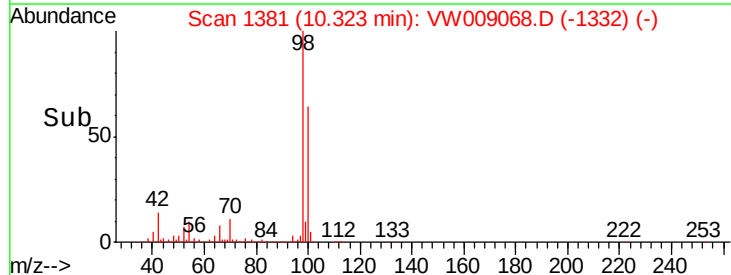
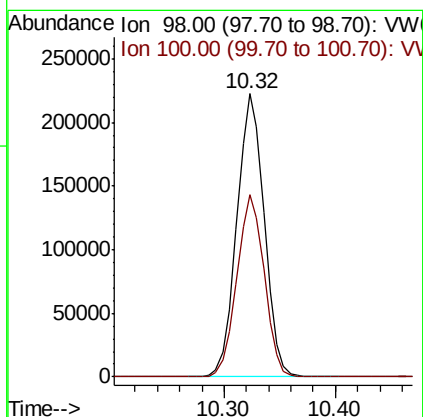
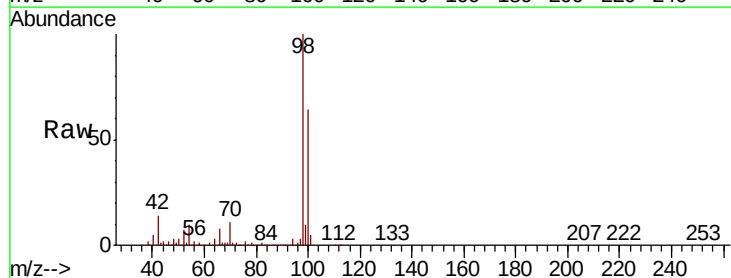
Instrument :
MSVOA_W
ClientSampled :
TP-4

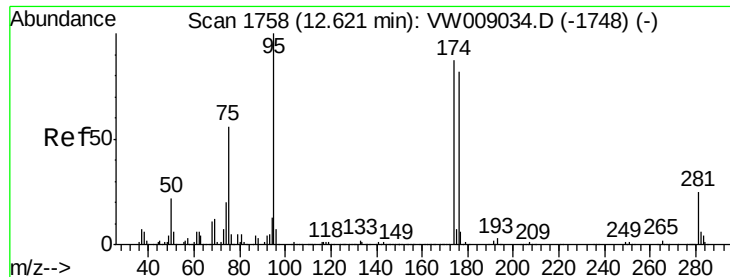
Tot Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 221.6 29.0 43.4#
58 0.0 59.2 88.8#



#50
Toluene-d8
Concen: 49.653 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

Tgt Ion: 98 Resp: 378525
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

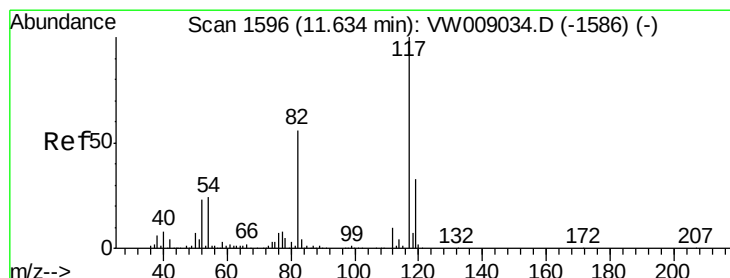
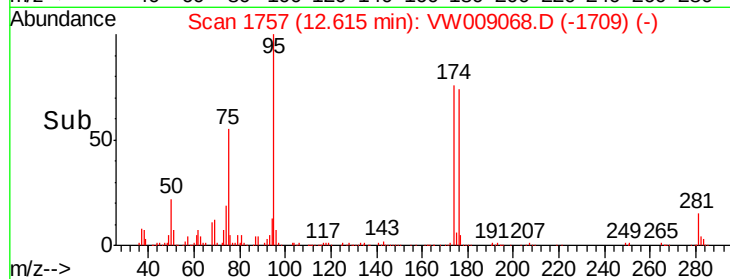
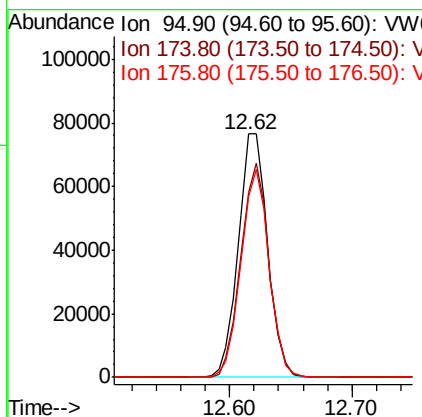
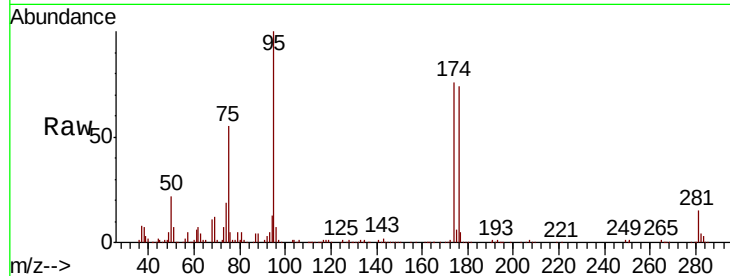




#62
4-Bromofluorobenzene
Concen: 42.273 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

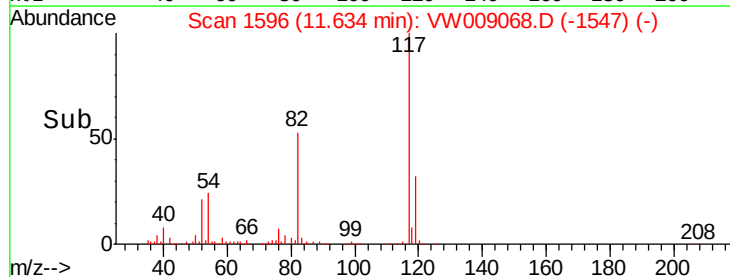
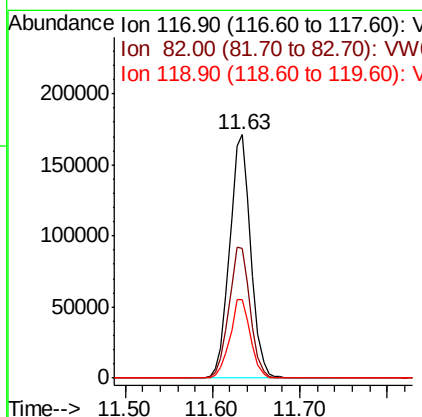
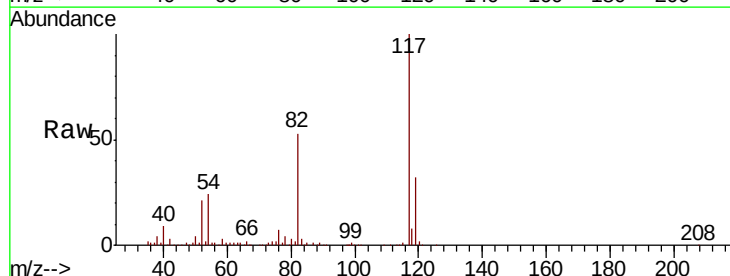
Instrument :
MSVOA_W
ClientSampleId :
TP-4

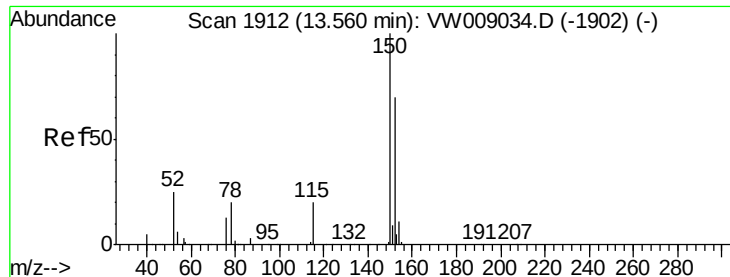
Tot Ion: 95 Resp: 126864
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.0
176 82.1 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009068.D
Acq: 08 Mar 2019 21:17

Tgt Ion: 117 Resp: 286400
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.6
119 32.4 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: VW009068.D

Acq: 08 Mar 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

TP-4

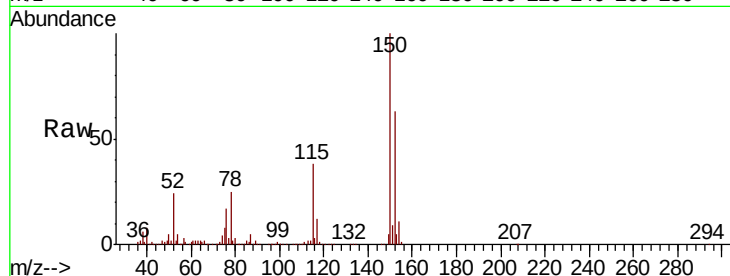
Tot Ion:152 Resp: 133281

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

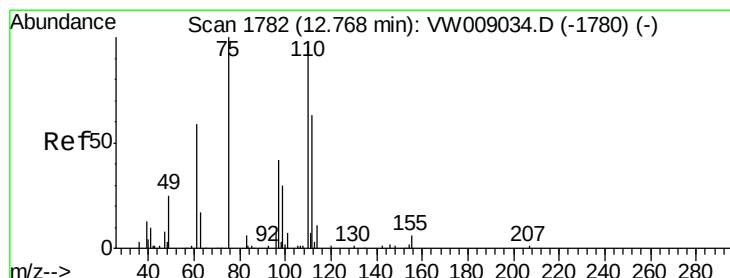
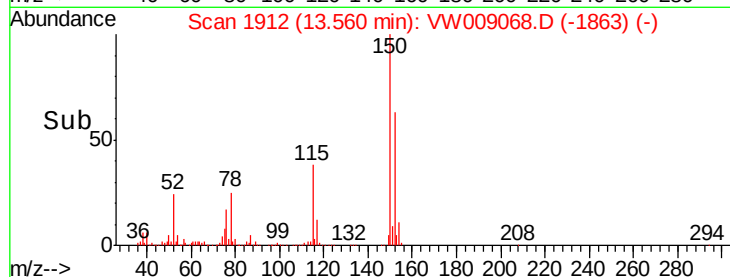
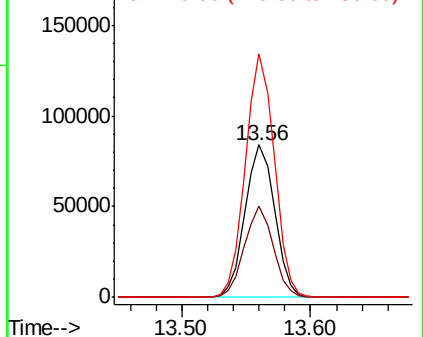
150 156.3 0.0 349.2



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: 64.679 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW009068.D

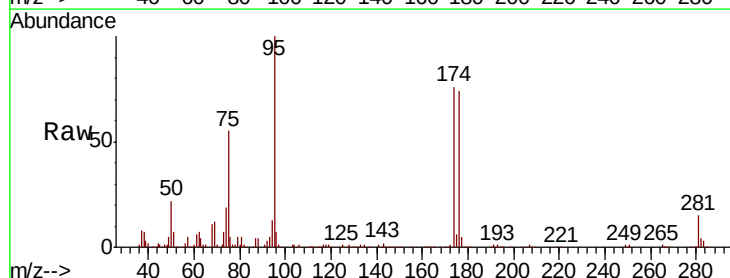
Acq: 08 Mar 2019 21:17

Tgt Ion: 75 Resp: 68109

Ion Ratio Lower Upper

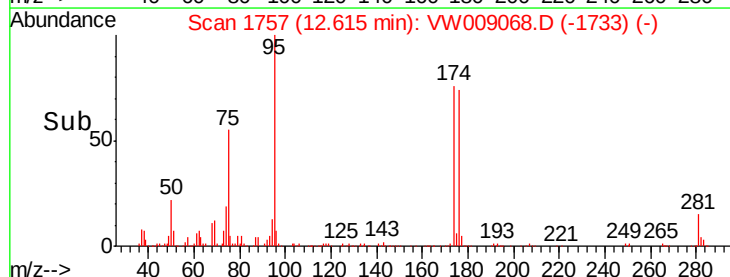
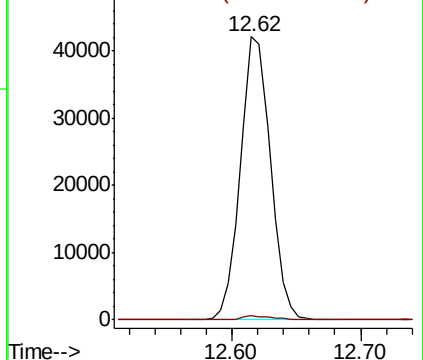
75 100

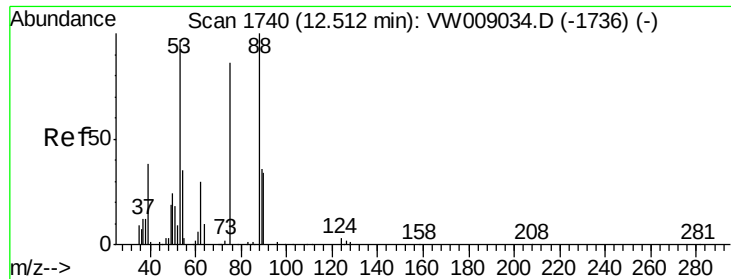
77 1.5 186.7 560.0#



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: 144.670 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009068.D

Acq: 08 Mar 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

TP-4

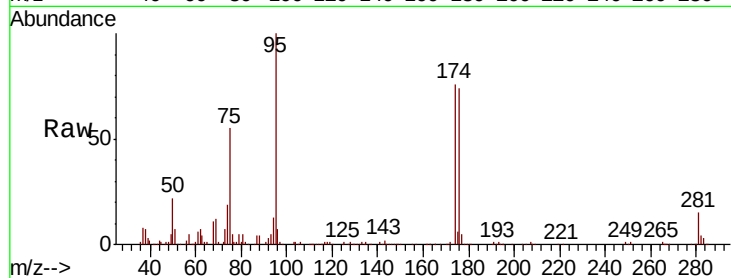
Tot Ion: 75 Resp: 68109

Ion Ratio Lower Upper

75 100

53 0.2 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

