

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009071.D
 Acq On : 08 Mar 2019 22:38
 Operator : SY/VA
 Sample : K1807-19RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10

Quant Time: Mar 09 01:22:31 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	274621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192879	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	171909	62.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	124.44%	
35) Dibromofluoromethane	7.88	113	139548	52.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.16%	
50) Toluene-d8	10.32	98	537404	49.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	186426	43.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.88%	

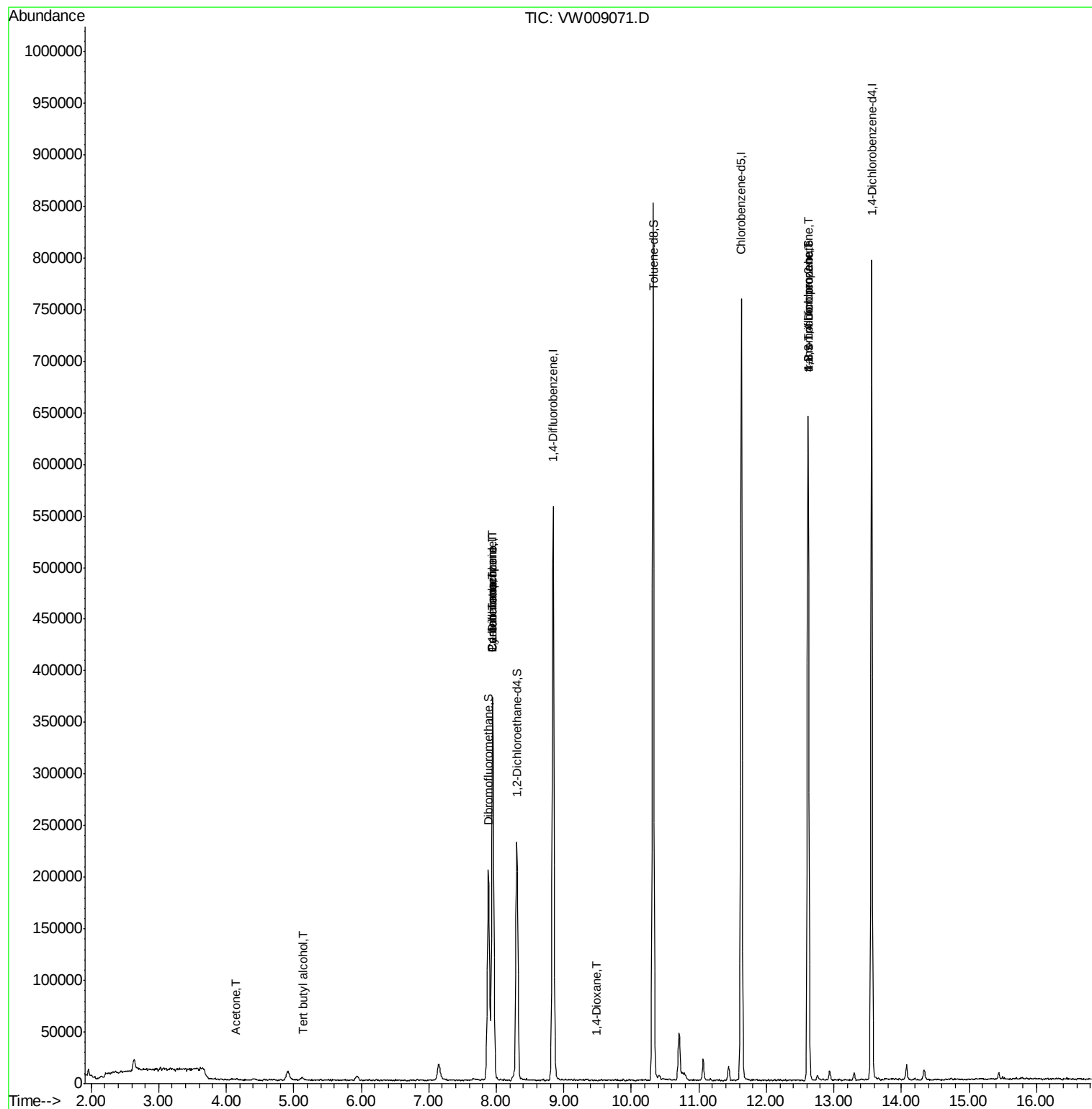
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	818	3.863	ug/l #	72
16) Acetone	4.14	43	2496	4.003	ug/l #	85
20) Methylene Chloride	4.92	84	6539	Below Cal	#	89
31) Cyclohexane	7.95	56	6800	1.320	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	22209	4.818	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27282	5.731	ug/l #	16
49) 1,4-Dioxane	9.48	88	116	4.813	ug/l #	35
76) 1,2,3-Trichloropropane	12.62	75	98958	64.937	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	98958	145.247	ug/l #	5

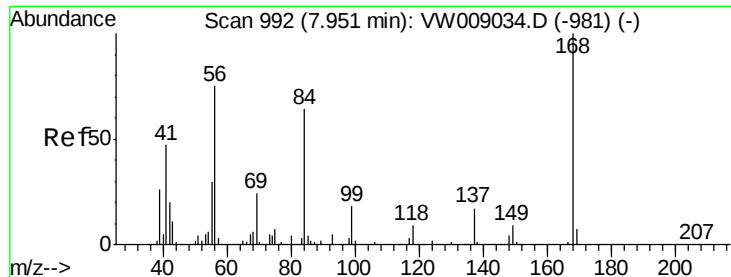
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.00 min

Lab File: VW009071.D

Acq: 08 Mar 2019 22:38

Instrument :

MSVOA_W

ClientSampled :

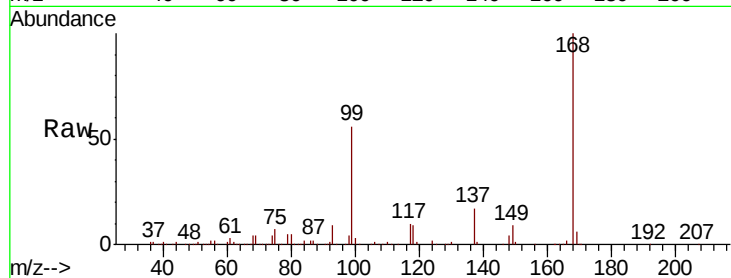
TP-10

Tot Ion:168 Resp: 274621

Ion Ratio Lower Upper

168 100

99 56.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

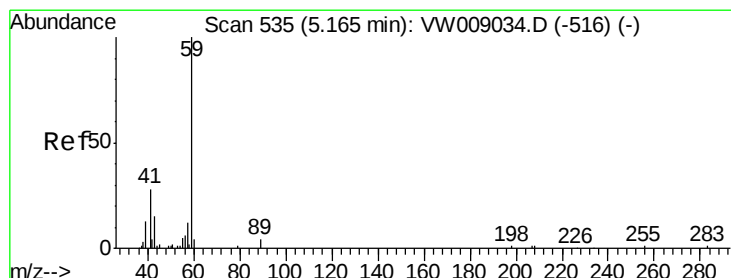
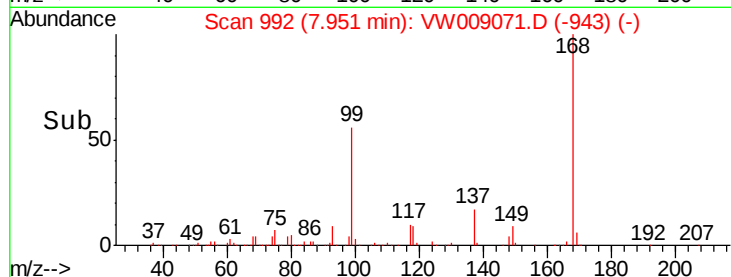
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.863 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.02 min

Lab File: VW009071.D

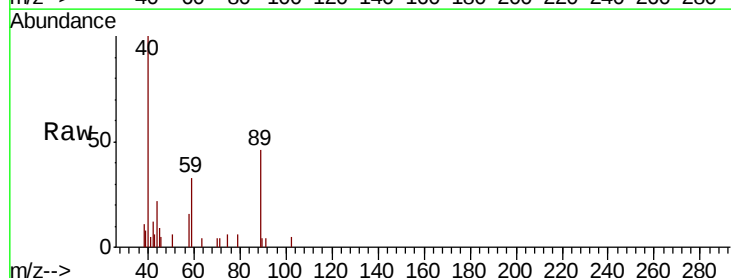
Acq: 08 Mar 2019 22:38

Tgt Ion: 59 Resp: 818

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

500

400

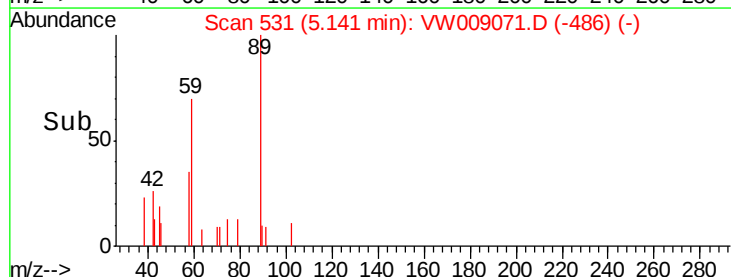
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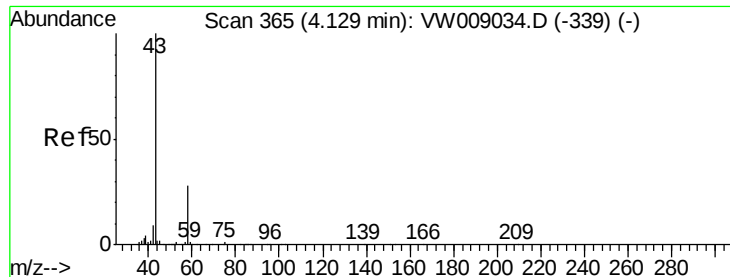
200

100

0

Time-->





#16

Acetone

Concen: 4.003 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW009071.D

Acq: 08 Mar 2019 22:38

Instrument :

MSVOA_W

ClientSampleId :

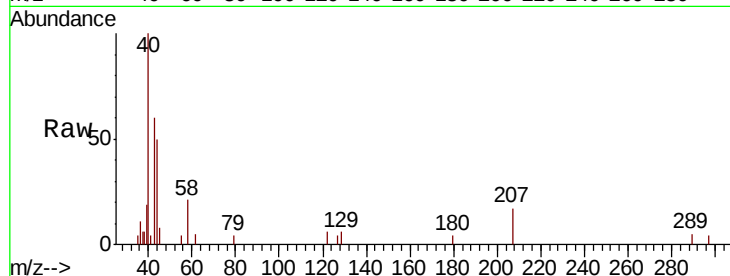
TP-10

Tot Ion: 43 Resp: 2496

Ion Ratio Lower Upper

43 100

58 35.9 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

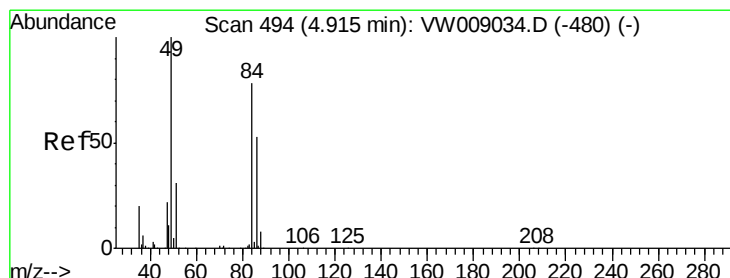
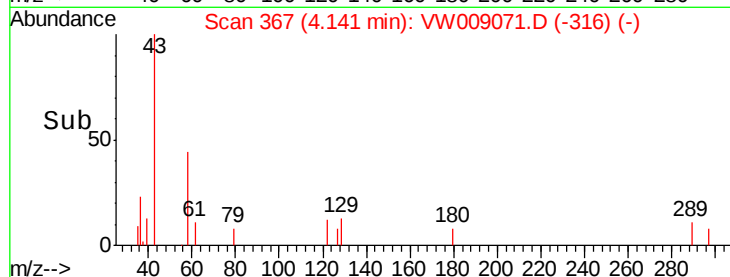
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009071.D

Acq: 08 Mar 2019 22:38

Tgt Ion: 84 Resp: 6539

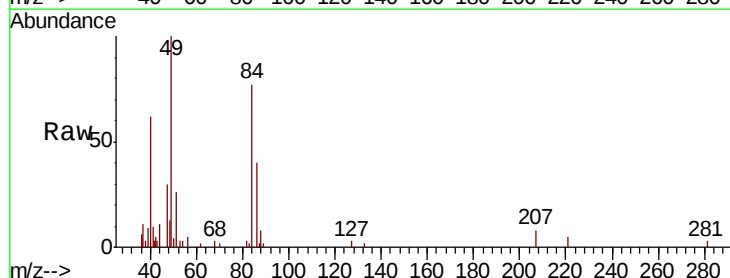
Ion Ratio Lower Upper

84 100

49 122.4 102.4 153.6

51 30.1 31.6 47.4#

86 52.0 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

4000

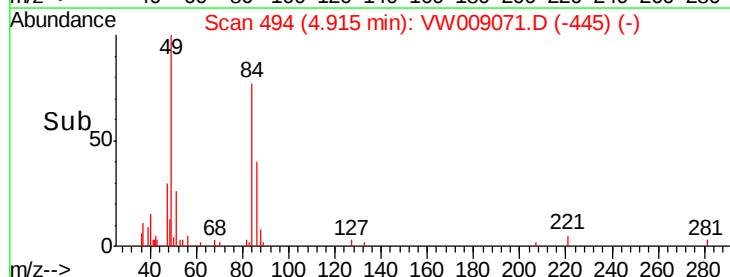
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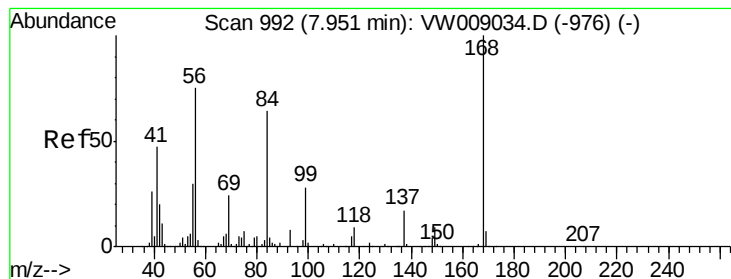
2000

1000

0

Time-->





#31

Cvclohexane

Concen: 1.320 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009071.D

Acq: 08 Mar 2019 22:38

Instrument :

MSVOA_W

ClientSampleId :

TP-10

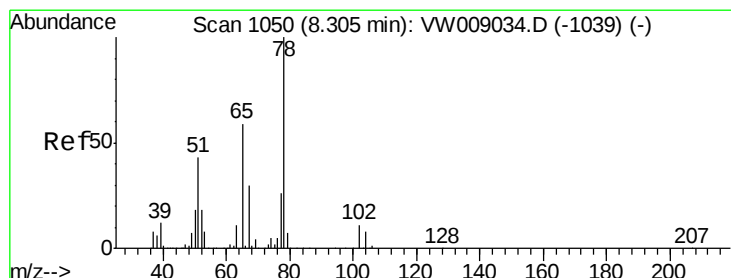
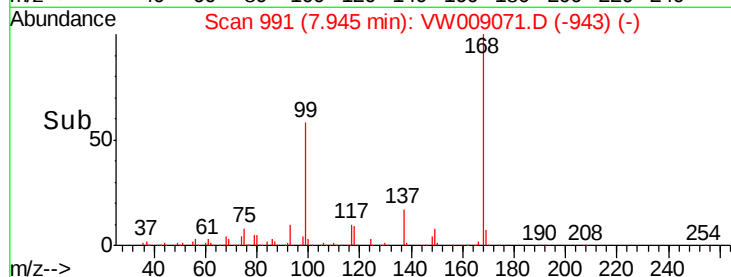
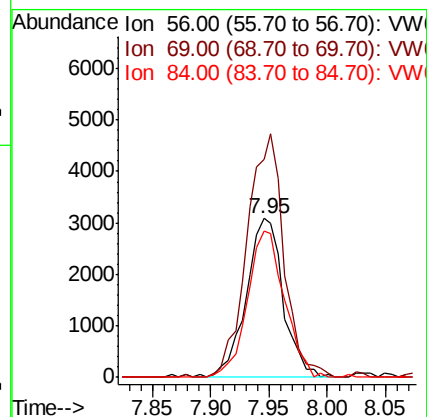
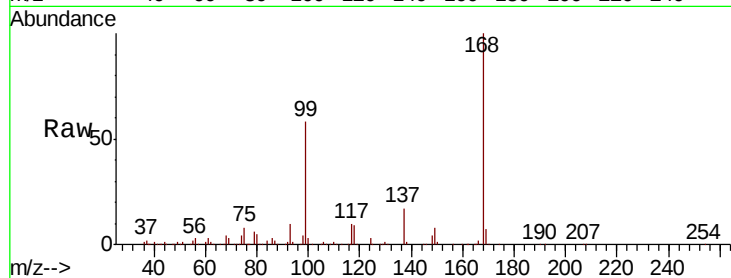
Tot Ion: 56 Resp: 6800

Ion Ratio Lower Upper

56 100

69 137.7 25.5 38.3#

84 92.0 68.6 103.0



#33

1,2-Dichloroethane-d4

Concen: 62.219 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009071.D

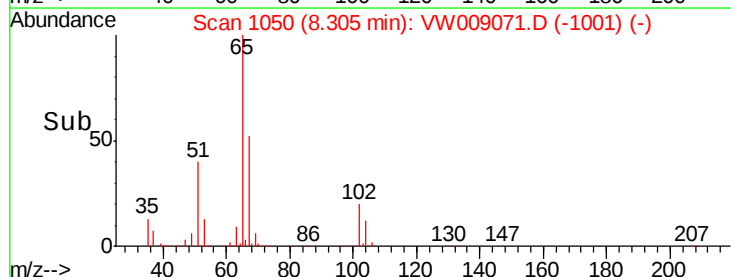
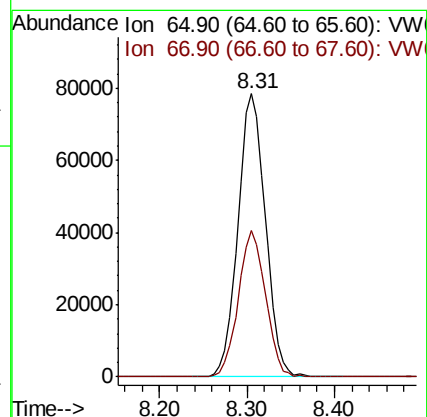
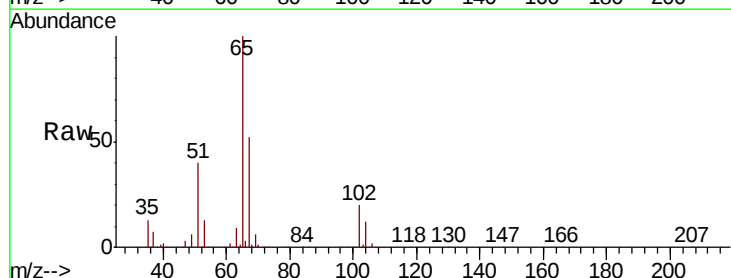
Acq: 08 Mar 2019 22:38

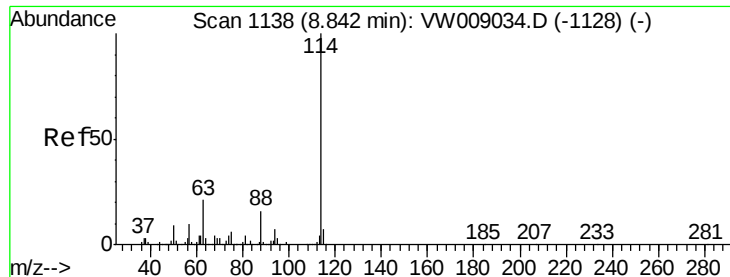
Tgt Ion: 65 Resp: 171909

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0

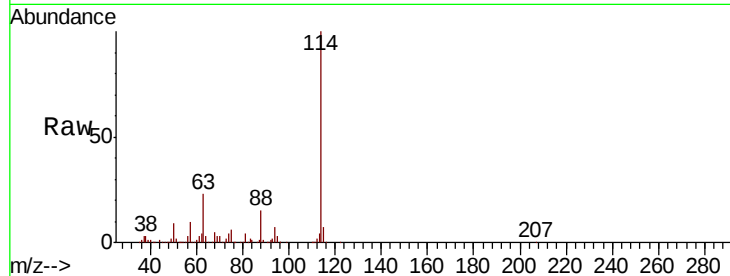




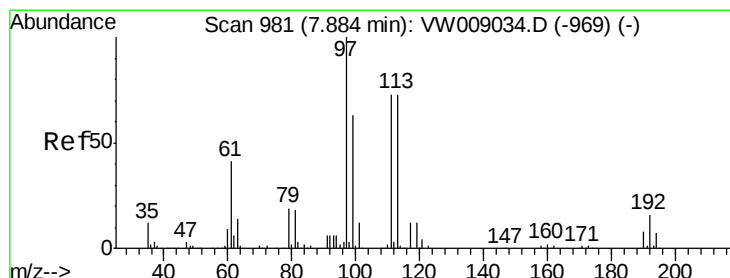
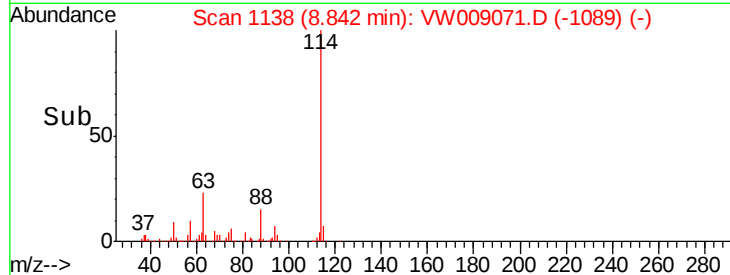
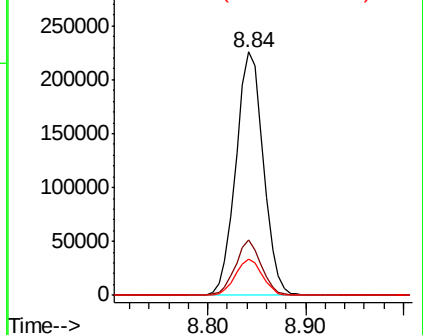
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009071.D
Acq: 08 Mar 2019 22:38

Instrument :
MSVOA_W
ClientSampleId :
TP-10

Tot Ion:114 Resp: 440830
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.2
88 15.1 0.0 31.2

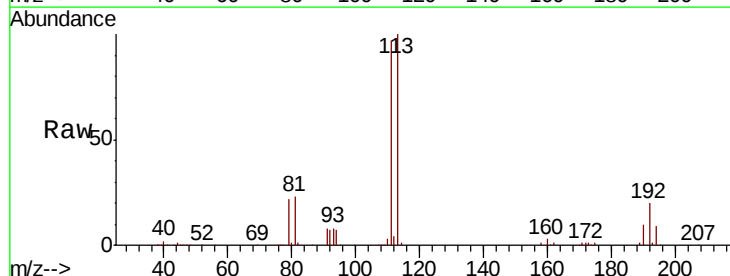


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

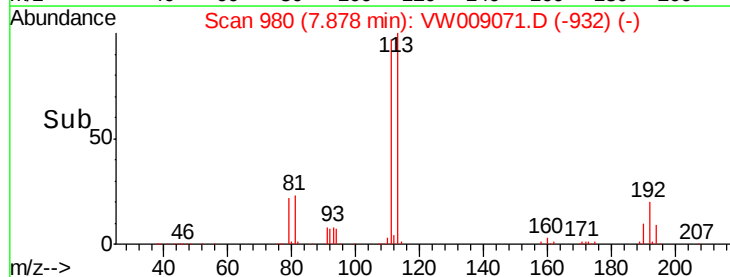
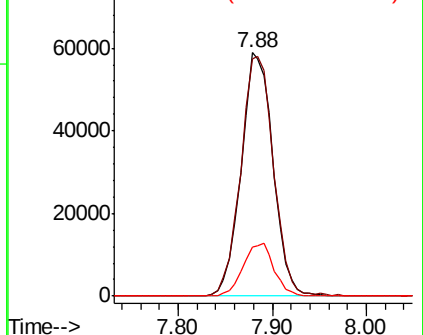


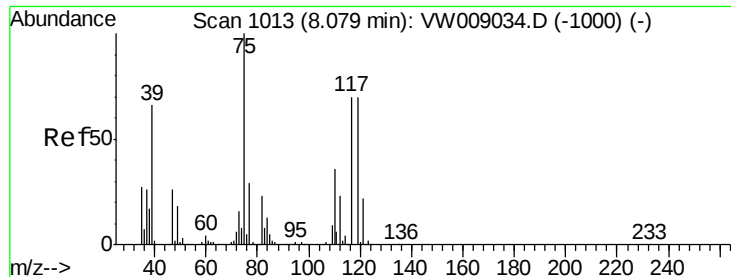
#35
Dibromofluoromethane
Concen: 52.576 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW009071.D
Acq: 08 Mar 2019 22:38

Tgt Ion:113 Resp: 139548
Ion Ratio Lower Upper
113 100
111 101.4 81.0 121.4
192 21.1 17.1 25.7



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

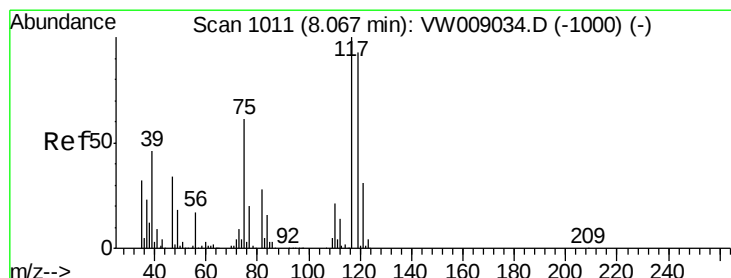
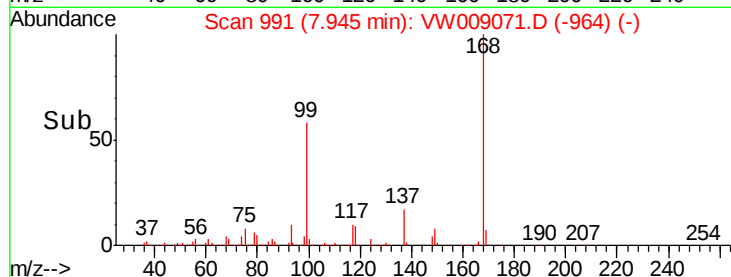
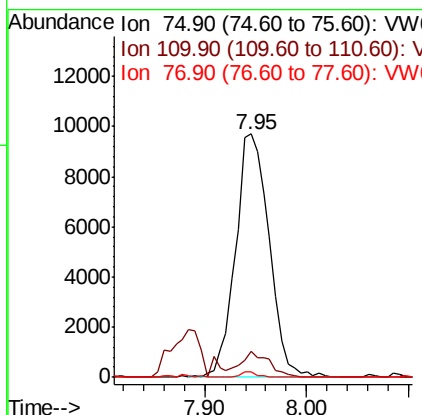
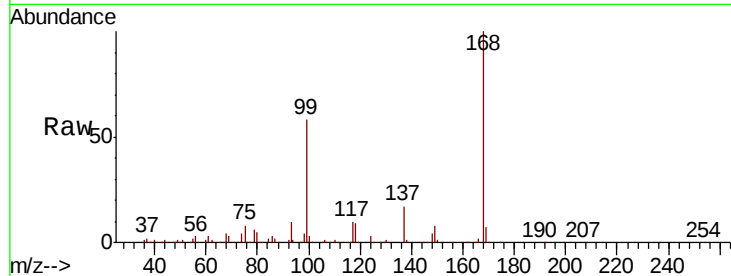




#36
 1,1-Dichloropropene
 Concen: 4.818 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009071.D
 Acq: 08 Mar 2019 22:38

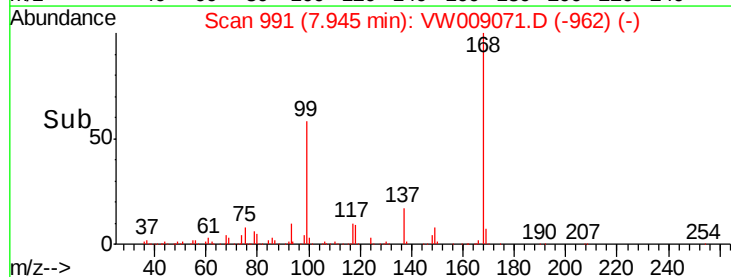
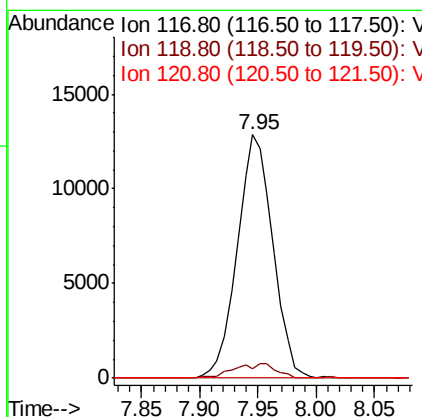
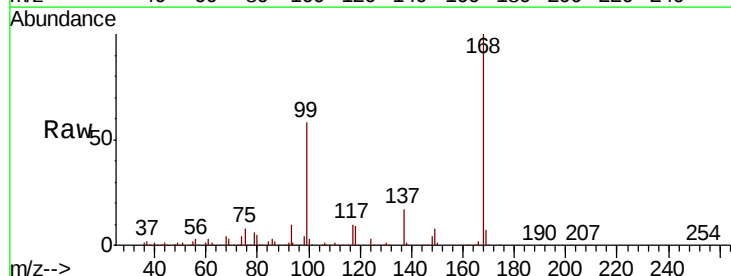
Instrument :
 MSVOA_W
 ClientSampled :
 TP-10

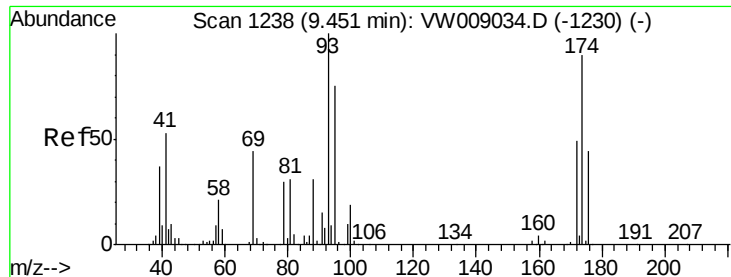
Tot Ion: 75 Resp: 22209
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.6 52.9#
 77 1.1 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.731 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009071.D
 Acq: 08 Mar 2019 22:38

Tgt Ion: 117 Resp: 27282
 Ion Ratio Lower Upper
 117 100
 119 3.8 74.6 112.0#
 121 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 4.813 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.03 min

Lab File: VW009071.D

Acq: 08 Mar 2019 22:38

Instrument :

MSVOA_W

ClientSampled :

TP-10

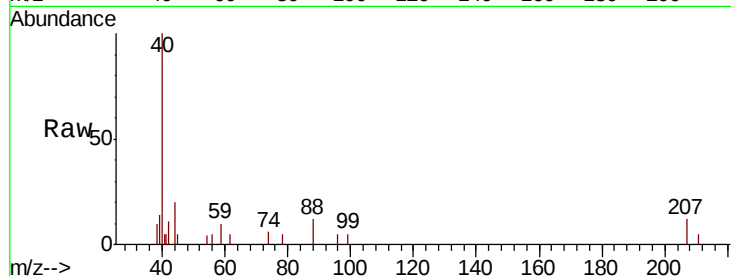
Tot Ion: 88 Resp: 116

Ion Ratio Lower Upper

88 100

43 48.3 29.0 43.4#

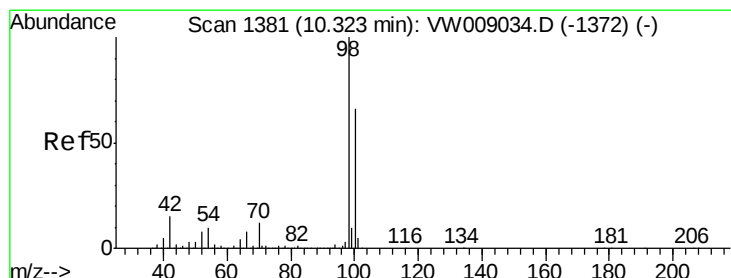
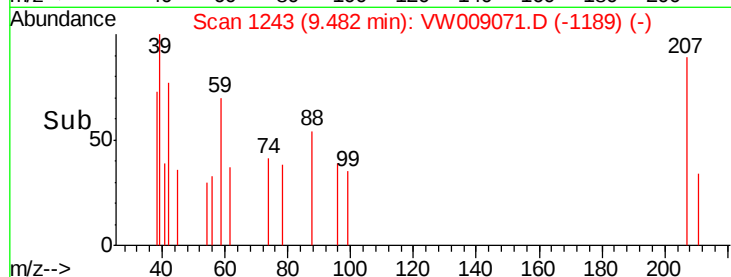
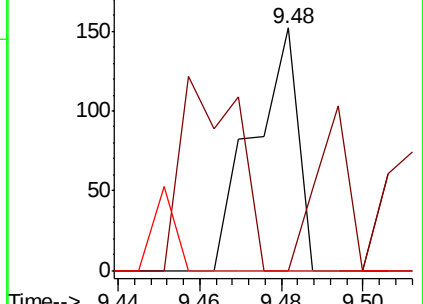
58 0.0 59.2 88.8#



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: 49.298 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009071.D

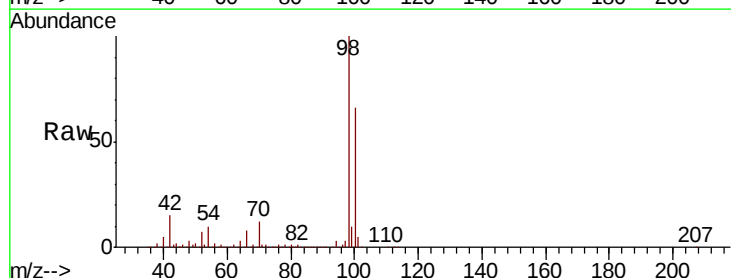
Acq: 08 Mar 2019 22:38

Tgt Ion: 98 Resp: 537404

Ion Ratio Lower Upper

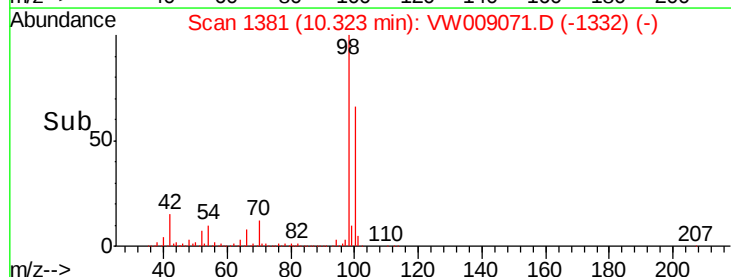
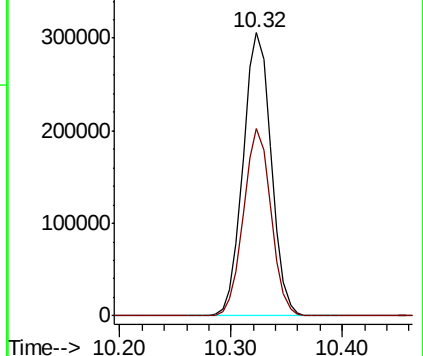
98 100

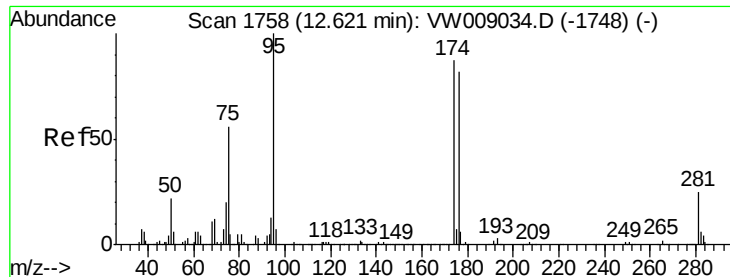
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

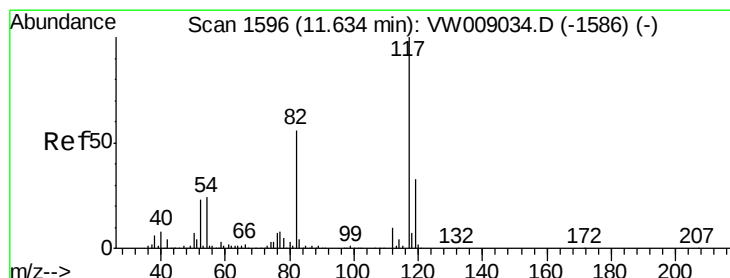
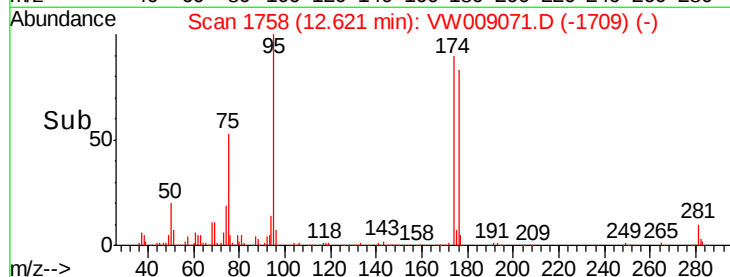
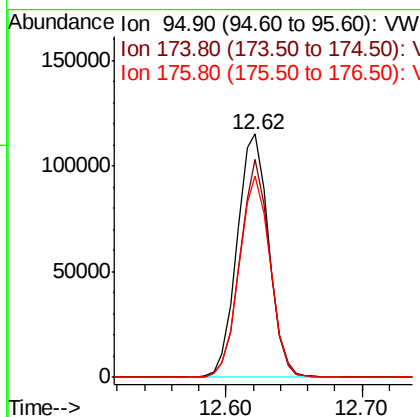
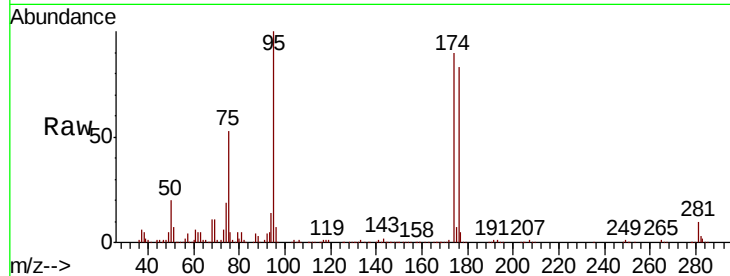




#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009071.D
Acq: 08 Mar 2019 22:38

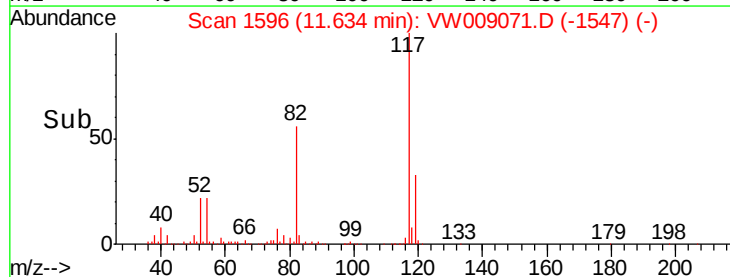
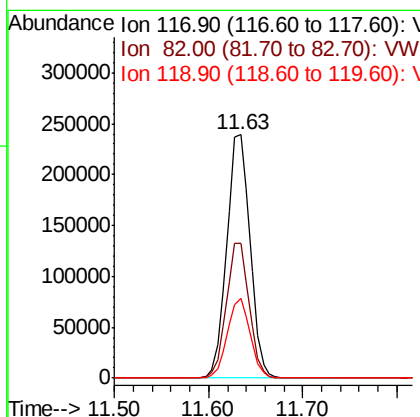
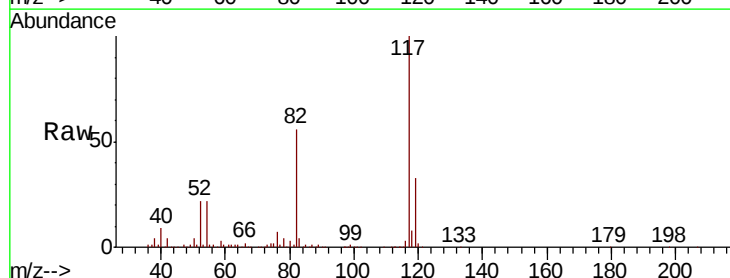
Instrument :
MSVOA_W
ClientSampled :
TP-10

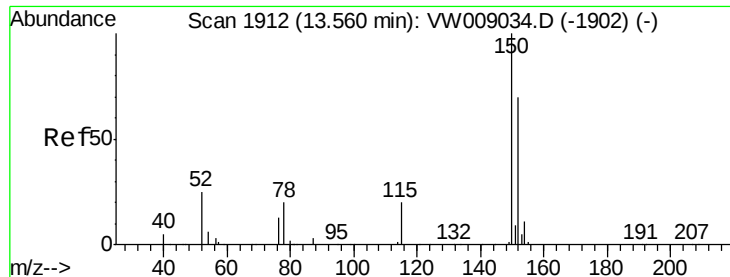
Tot Ion: 95 Resp: 186426
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.0
176 81.7 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009071.D
Acq: 08 Mar 2019 22:38

Tgt Ion: 117 Resp: 410854
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 32.6 26.6 39.8



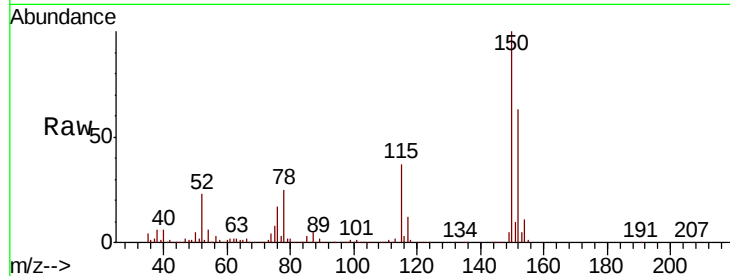


#72

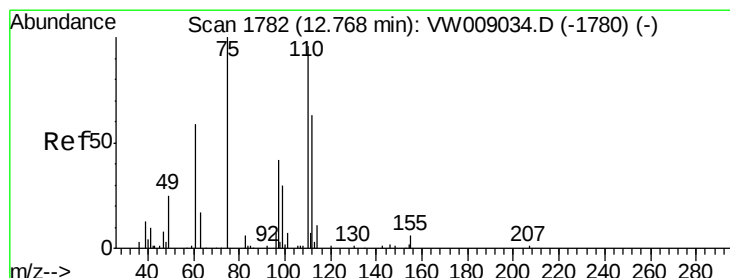
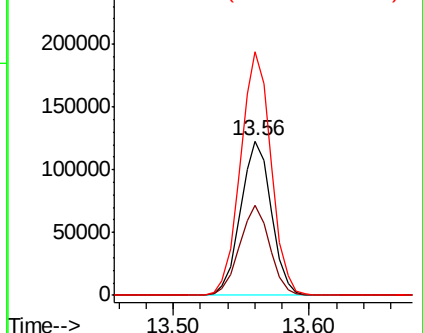
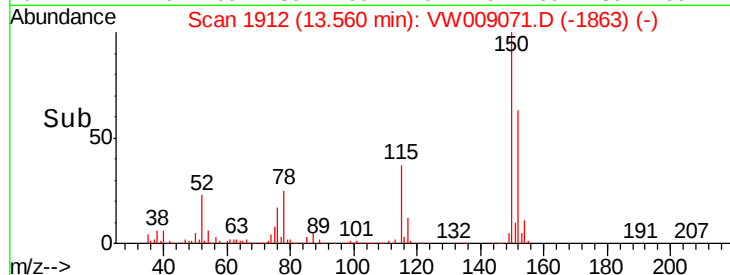
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009071.D
Acq: 08 Mar 2019 22:38

Instrument :
MSVOA_W
ClientSampled :
TP-10

Tot Ion:152 Resp: 192879
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 157.6 0.0 349.2



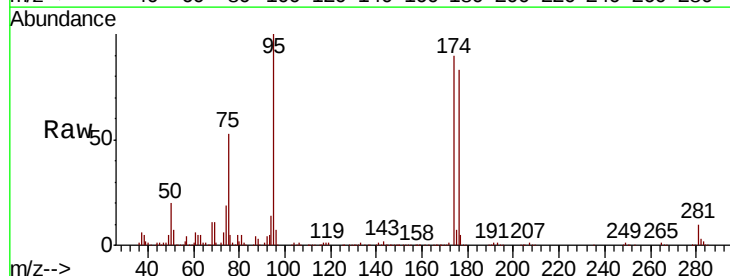
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



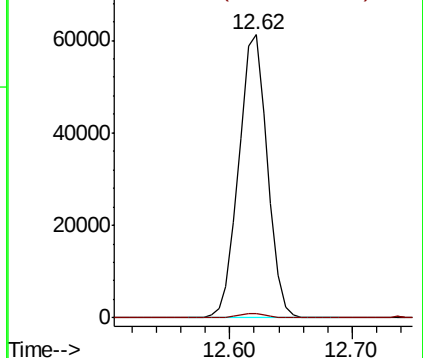
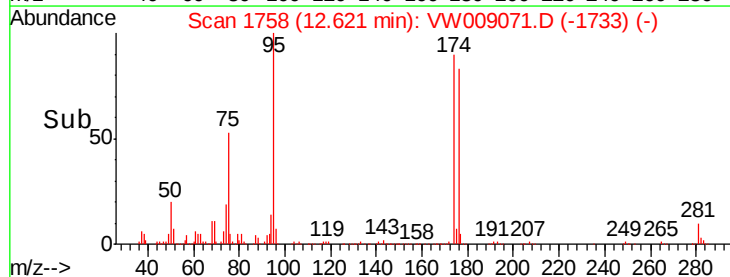
#76

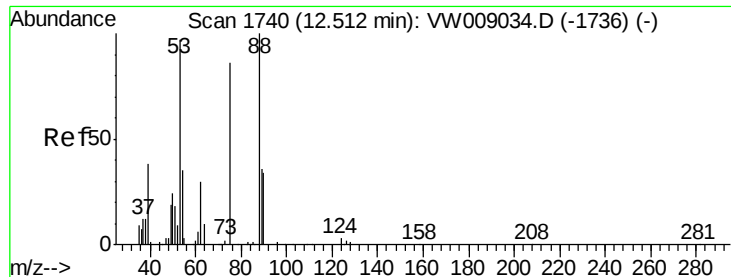
1,2,3-Trichloropropane
Concen: 64.937 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW009071.D
Acq: 08 Mar 2019 22:38

Tgt Ion: 75 Resp: 98958
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: 145.247 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009071.D

Acq: 08 Mar 2019 22:38

Instrument :

MSVOA_W

ClientSampleId :

TP-10

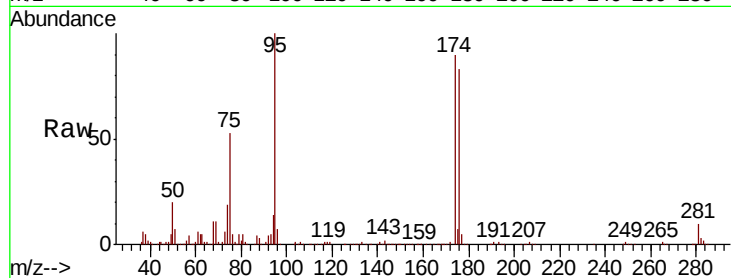
Tot Ion: 75 Resp: 98958

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.3 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

