

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009070.D
 Acq On : 08 Mar 2019 22:11
 Operator : SY/VA
 Sample : K1807-11RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Mar 09 01:22:21 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	242080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163855	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	146472	60.14	ug/l	0.00
Spiked Amount			Recovery	=	120.28%	
35) Dibromofluoromethane	7.88	113	122536	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	10.32	98	464169	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	156914	42.14	ug/l	0.00
Spiked Amount			Recovery	=	84.28%	

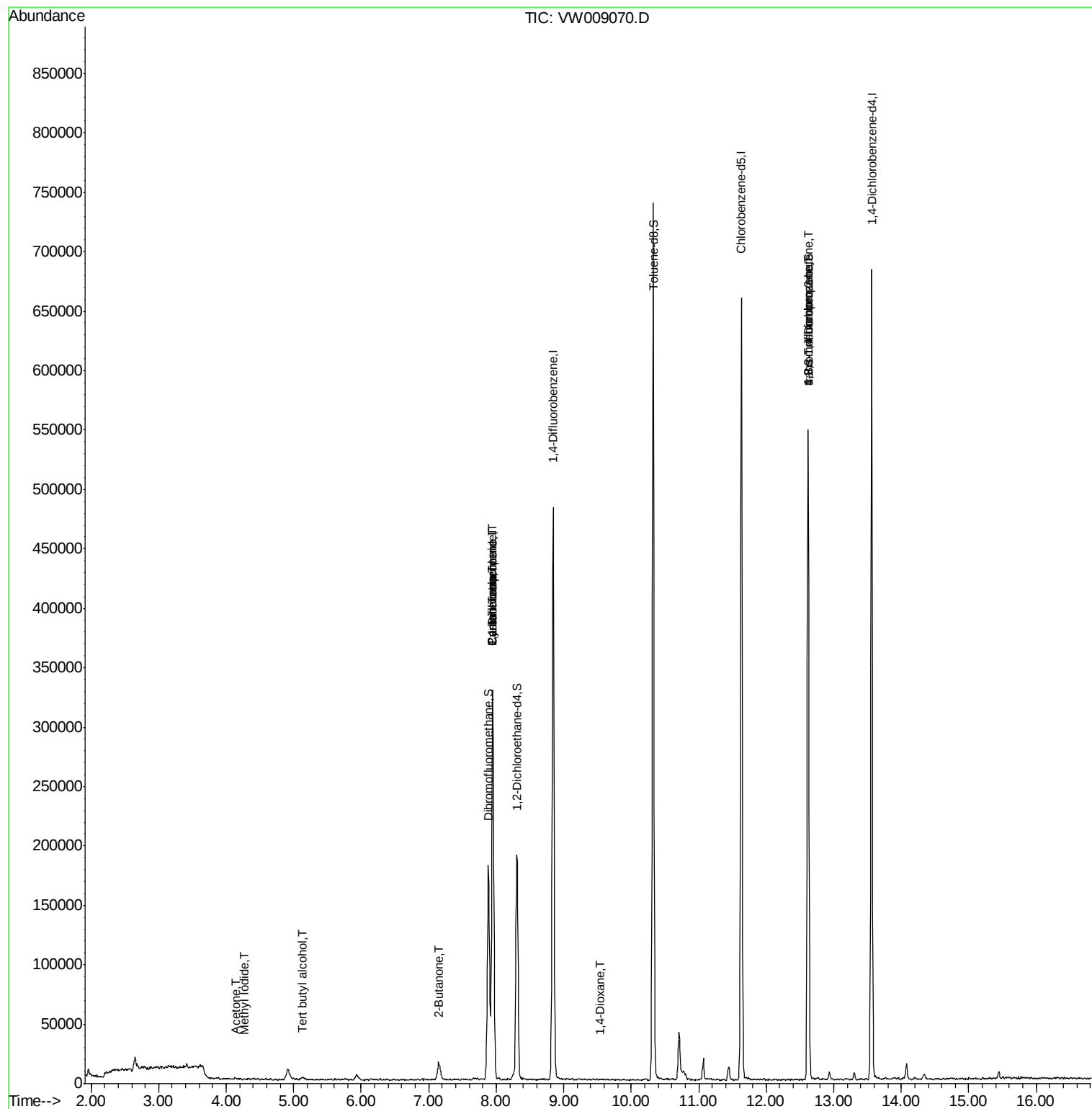
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.27	142	25	3.196	ug/l #	50
11) Tert butyl alcohol	5.13	59	752	4.029	ug/l #	92
16) Acetone	4.15	43	1924	3.501	ug/l	97
20) Methylene Chloride	4.92	84	6699	Below Cal		89
25) 2-Butanone	7.15	43	1376	1.812	ug/l	92
31) Cyclohexane	7.95	56	5908	1.301	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	19671	4.919	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23586	5.711	ug/l #	17
49) 1,4-Dioxane	9.54	88	41	1.961	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	83858	64.776	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	83858	144.886	ug/l #	5

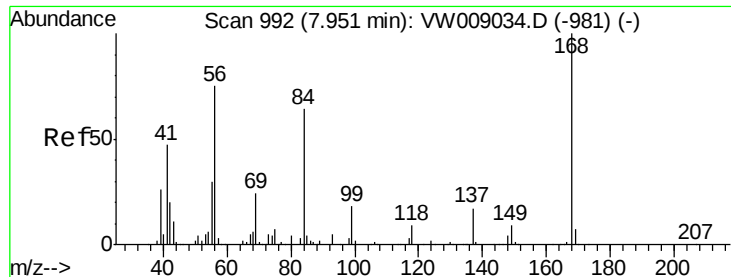
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW009070.D

Acq: 08 Mar 2019 22:11

Instrument :

MSVOA_W

ClientSampled :

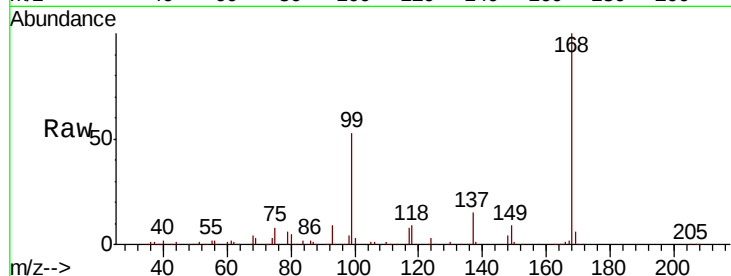
TP-6

Tot Ion:168 Resp: 242080

Ion Ratio Lower Upper

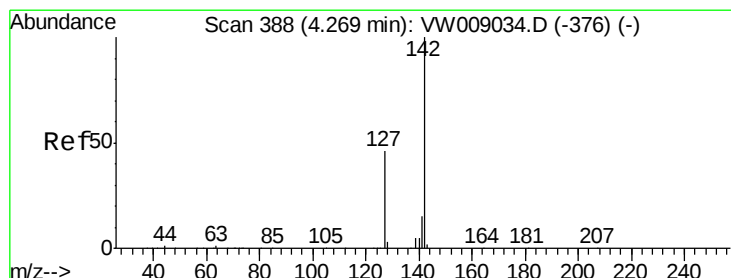
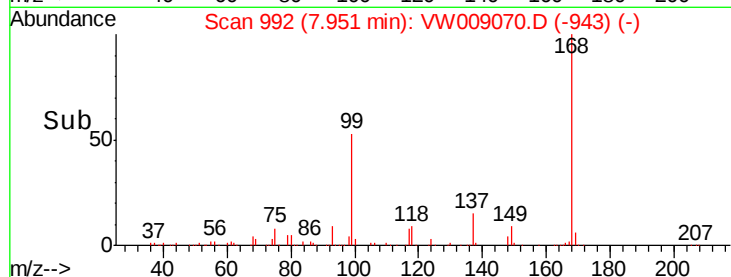
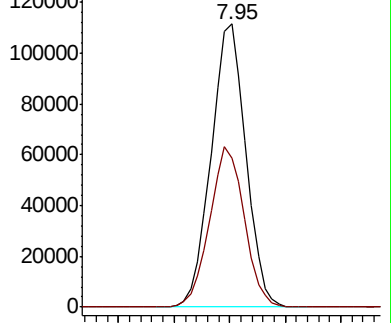
168 100

99 52.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 3.196 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009070.D

Acq: 08 Mar 2019 22:11

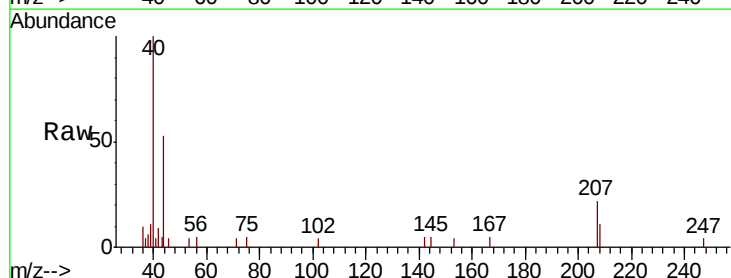
Tgt Ion:142 Resp: 25

Ion Ratio Lower Upper

142 100

127 80.0 35.8 53.6#

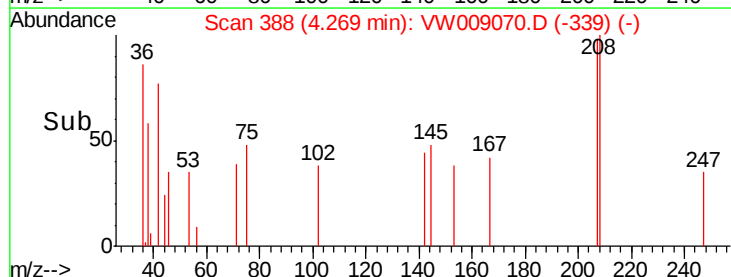
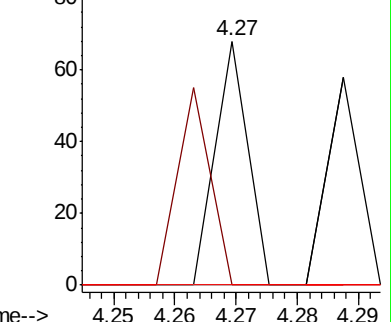
141 0.0 11.8 17.8#

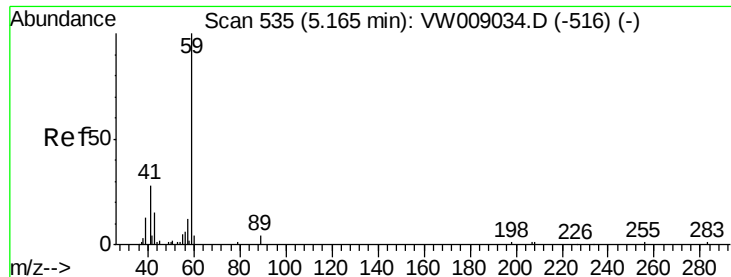


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

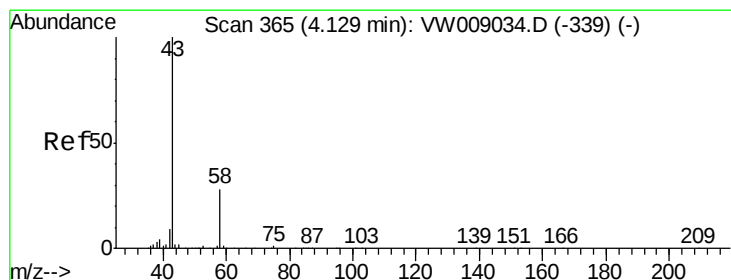
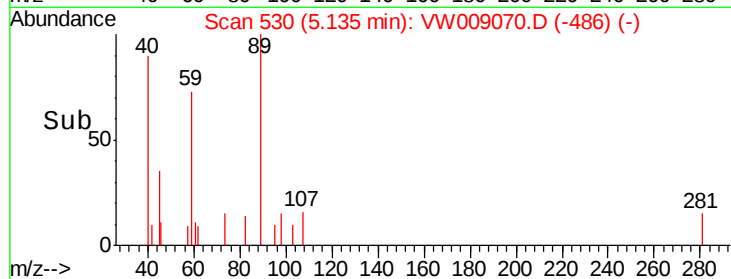
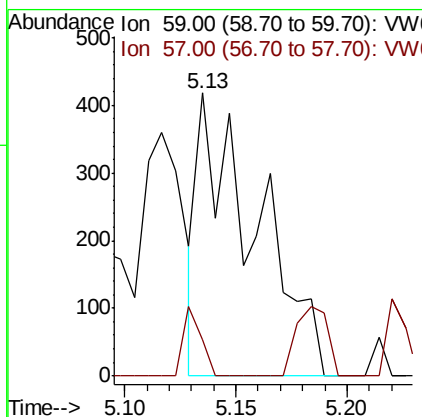
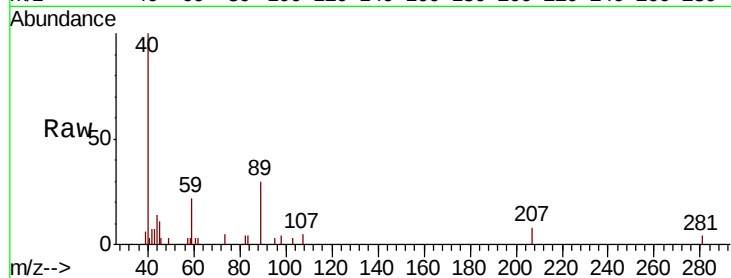




#11
Tert butyl alcohol
Concen: 4.029 ug/l
RT: 5.13 min Scan# 530
Delta R.T. -0.03 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

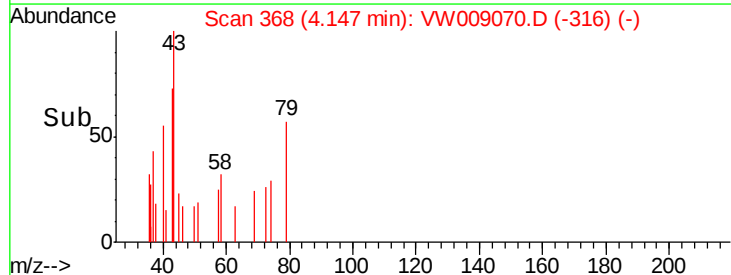
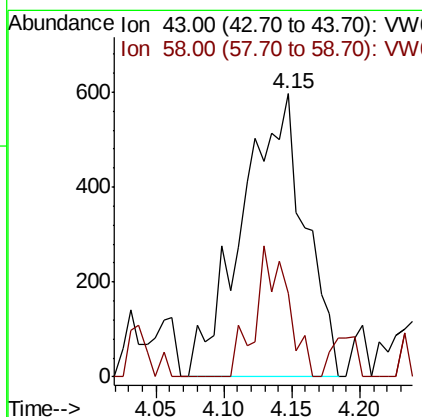
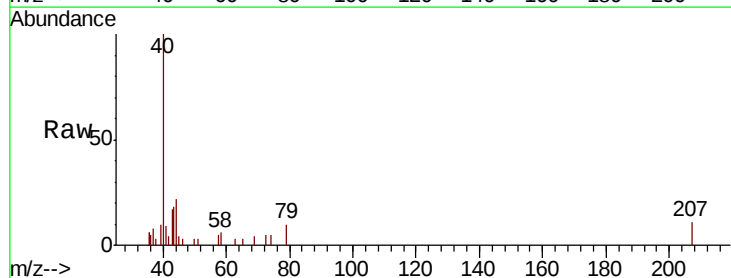
Instrument :
MSVOA_W
ClientSampled :
TP-6

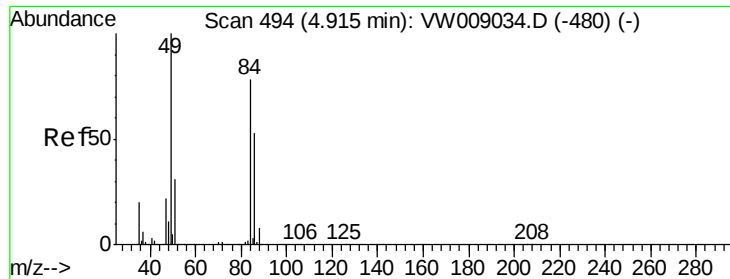
Tot Ion: 59 Resp: 752
Ion Ratio Lower Upper
59 100
57 7.6 8.6 12.8#



#16
Acetone
Concen: 3.501 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 29.5 22.5 33.7

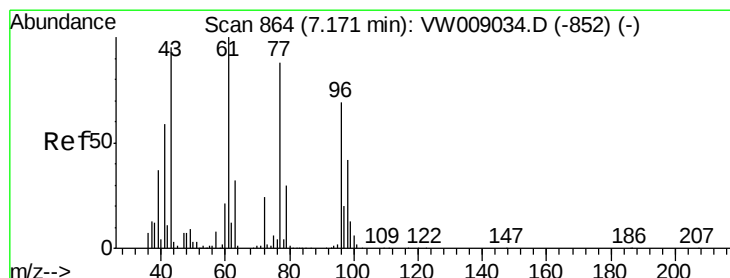
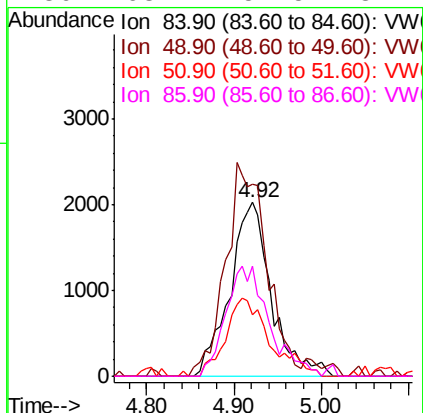
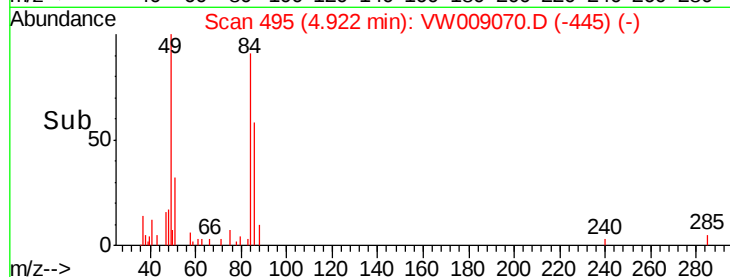
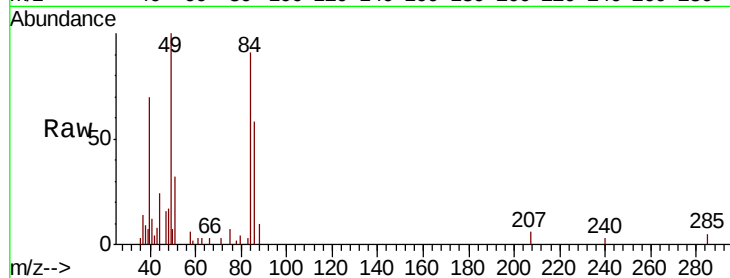




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

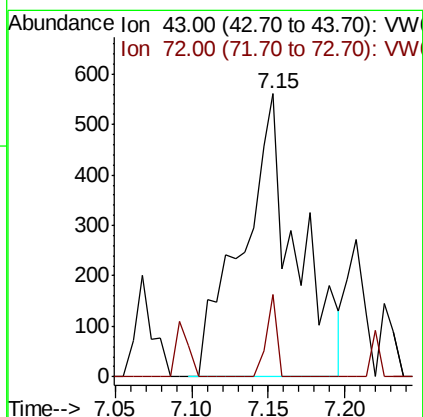
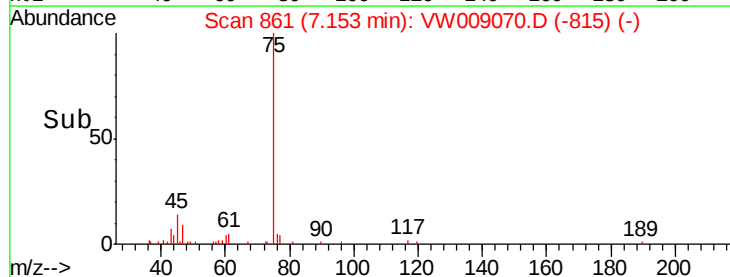
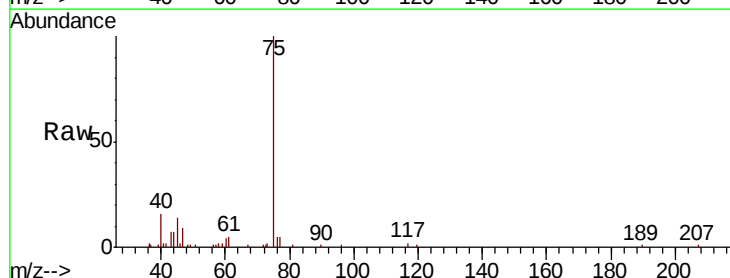
Instrument :
MSVOA_W
ClientSampled :
TP-6

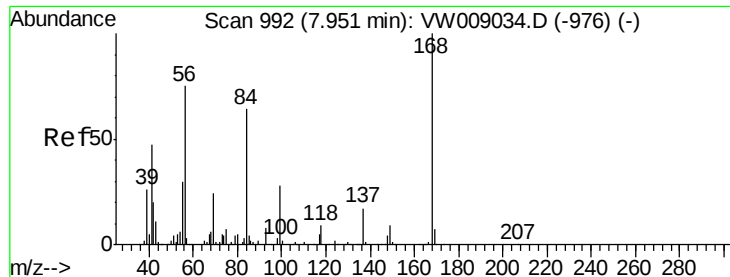
Tot Ion: 84 Resp: 6699
Ion Ratio Lower Upper
84 100
49 110.3 102.4 153.6
51 35.6 31.6 47.4
86 63.7 54.5 81.7



#25
2-Butanone
Concen: 1.812 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
72 28.9 20.0 30.0

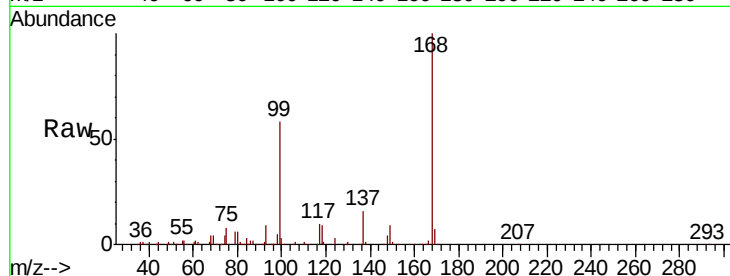




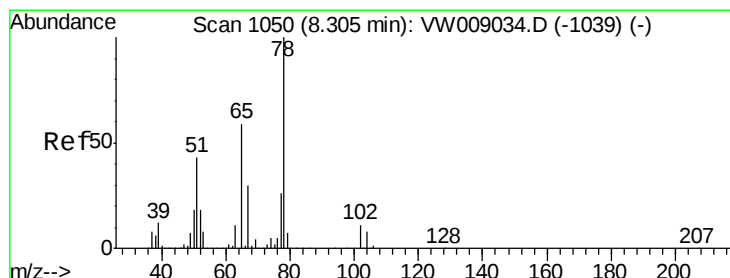
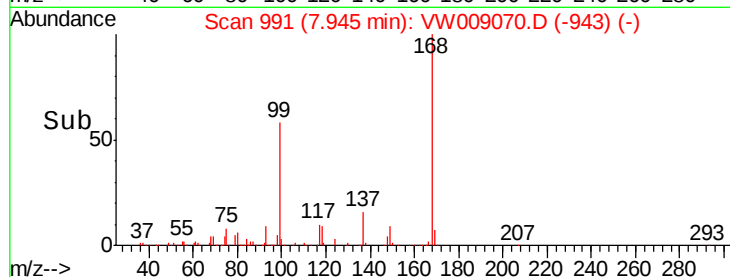
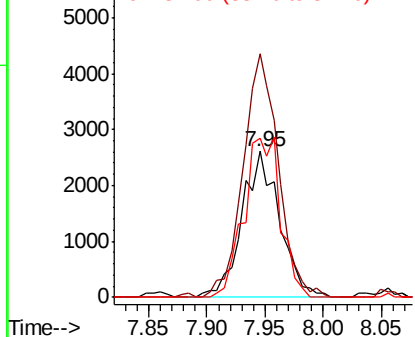
#31
Cvclohexane
Concen: 1.301 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Instrument :
MSVOA_W
ClientSampleId :
TP-6

Tot Ion: 56 Resp: 5908
Ion Ratio Lower Upper
56 100
69 166.6 25.5 38.3#
84 109.0 68.6 103.0#

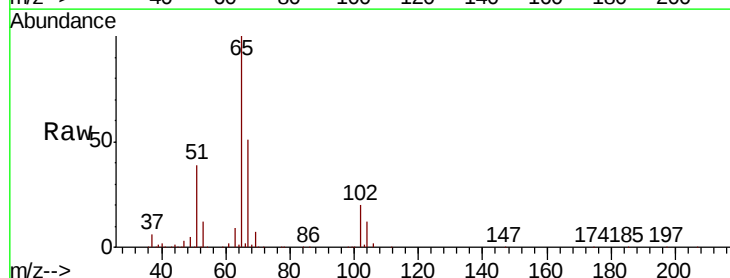


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

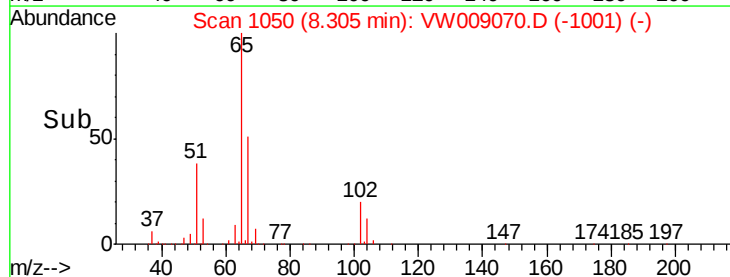
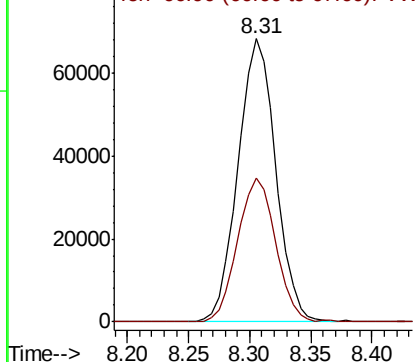


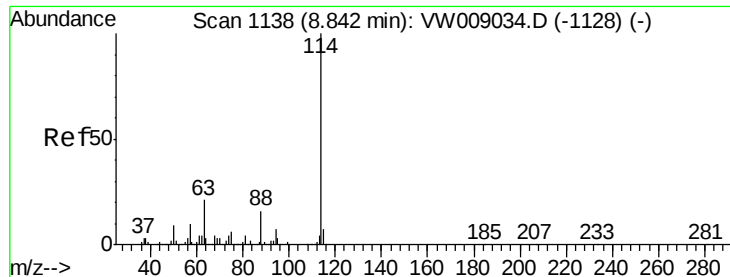
#33
1,2-Dichloroethane-d4
Concen: 60.139 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Tgt Ion: 65 Resp: 146472
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0



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

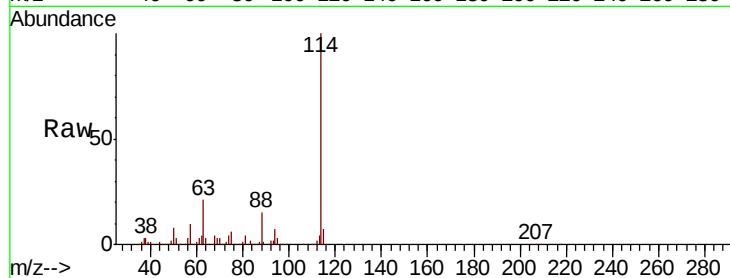




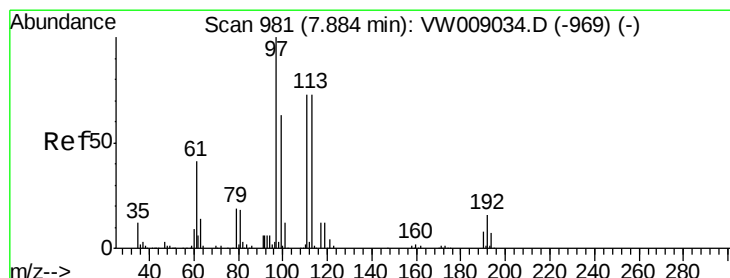
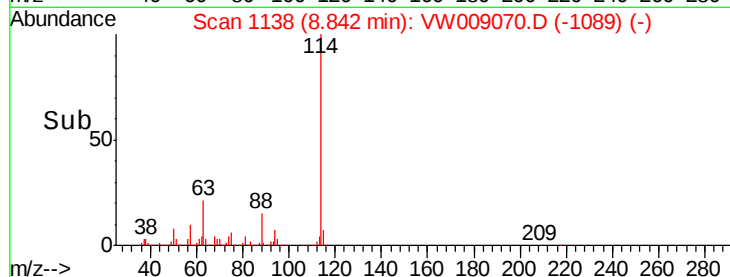
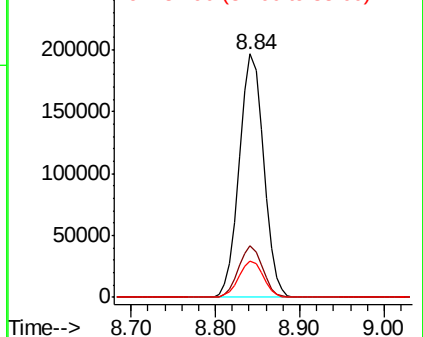
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Instrument :
MSVOA_W
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.2
88	15.2	0.0	31.2

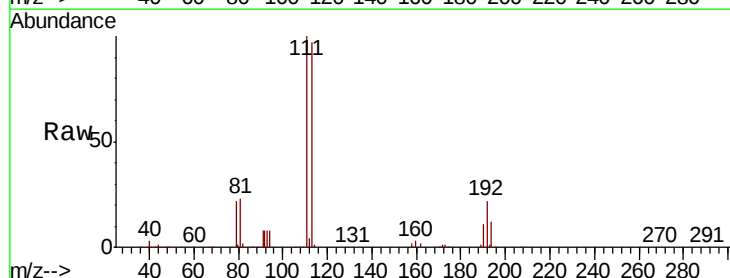


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

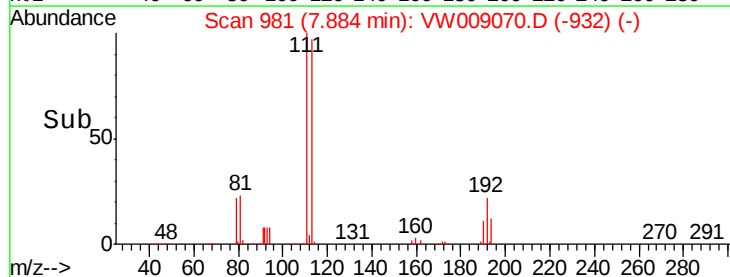
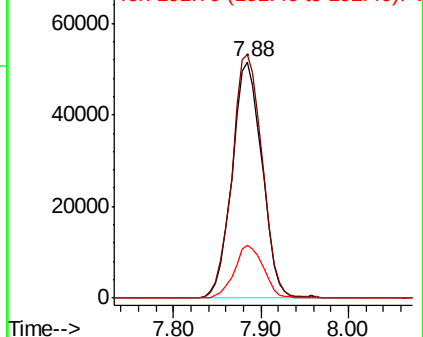


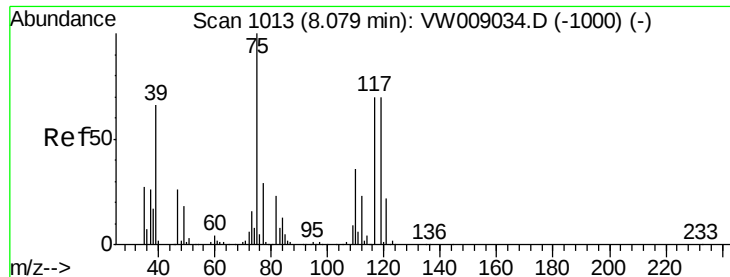
#35
Dibromofluoromethane
Concen: 53.209 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.0	121.4
192	21.7	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

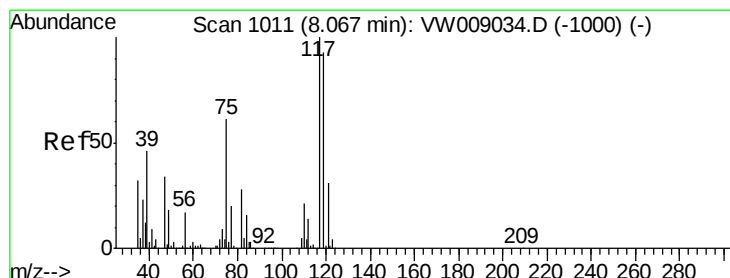
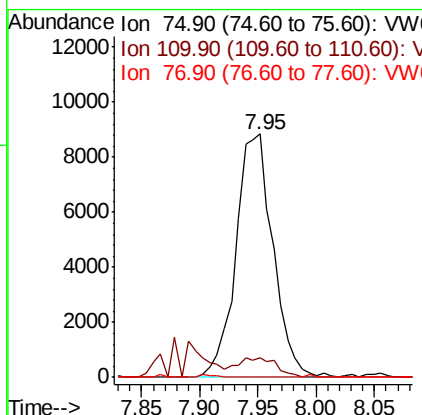
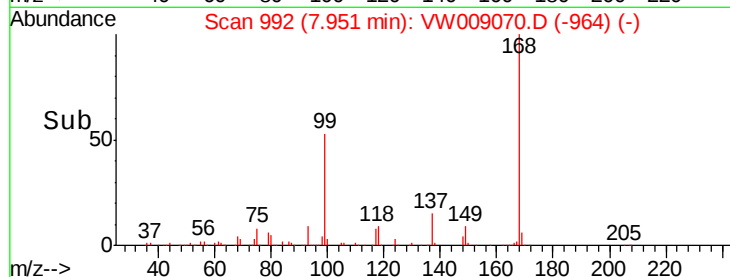
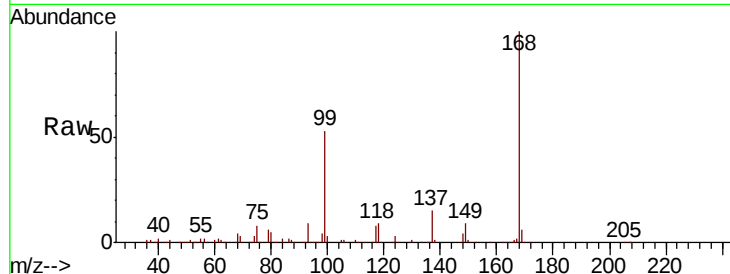




#36
 1,1-Dichloropropene
 Concen: 4.919 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009070.D
 Acq: 08 Mar 2019 22:11

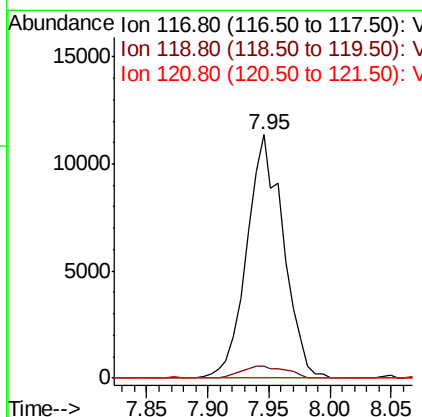
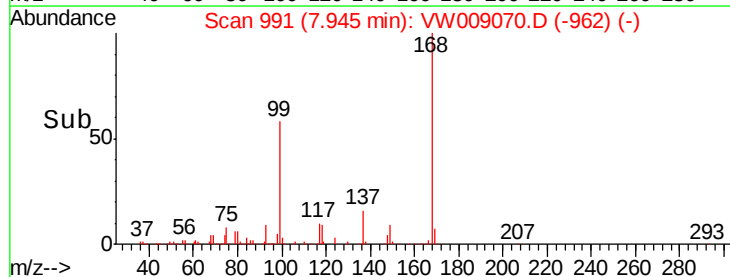
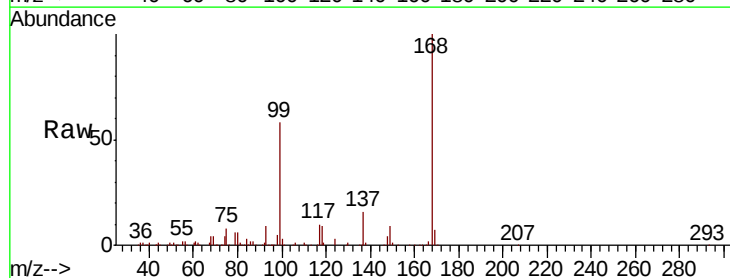
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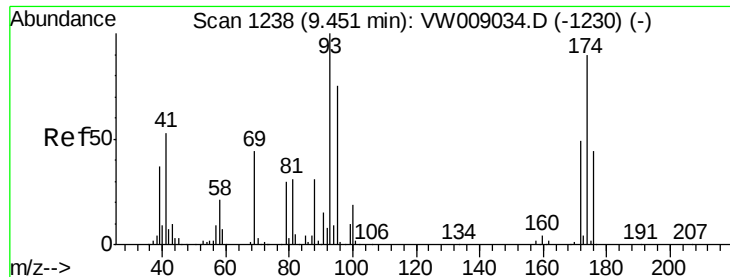
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.6	52.9#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.711 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009070.D
 Acq: 08 Mar 2019 22:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.6	112.0#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 1.961 ug/l

RT: 9.54 min Scan# 1253

Delta R.T. 0.09 min

Lab File: VW009070.D

Acq: 08 Mar 2019 22:11

Instrument :

MSVOA_W

ClientSampled :

TP-6

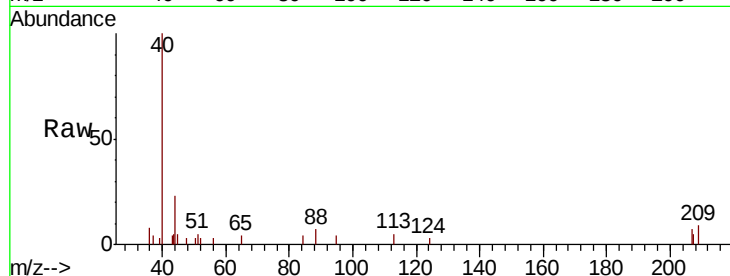
Tot Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 734.1 29.0 43.4#

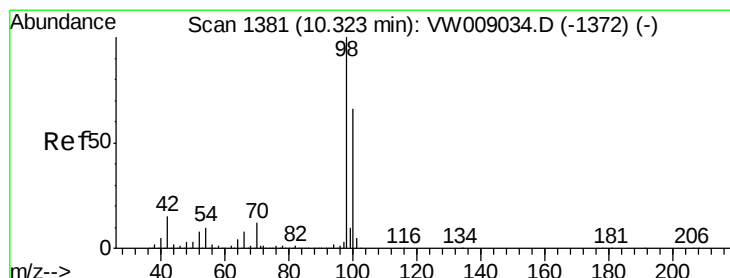
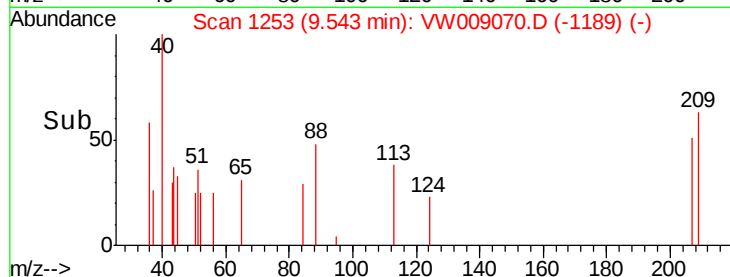
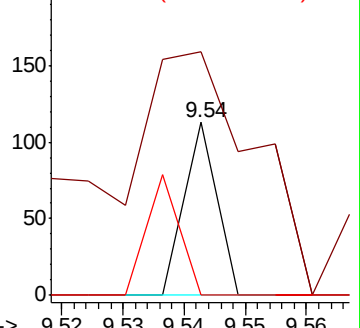
58 70.7 59.2 88.8



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: 49.075 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009070.D

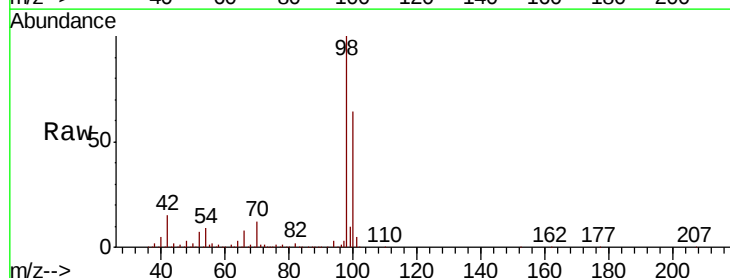
Acq: 08 Mar 2019 22:11

Tgt Ion: 98 Resp: 464169

Ion Ratio Lower Upper

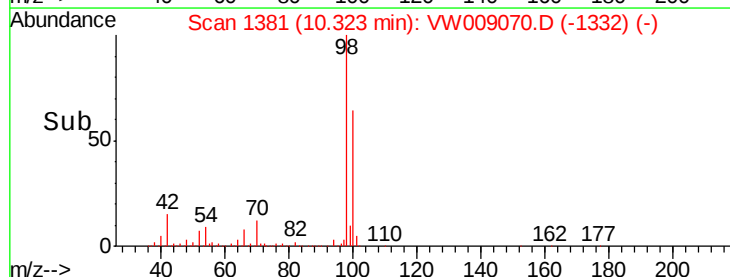
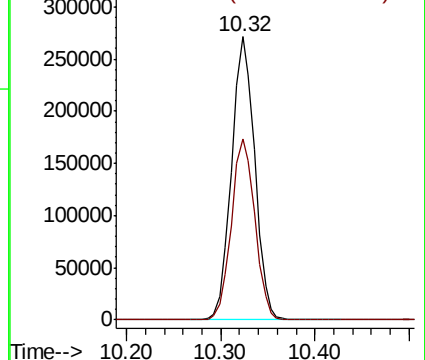
98 100

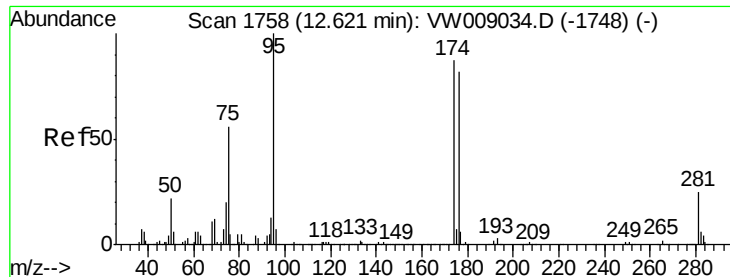
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

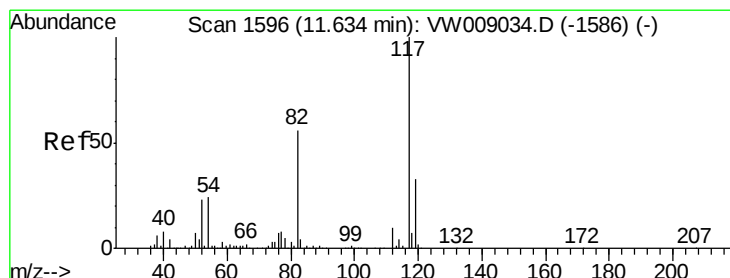
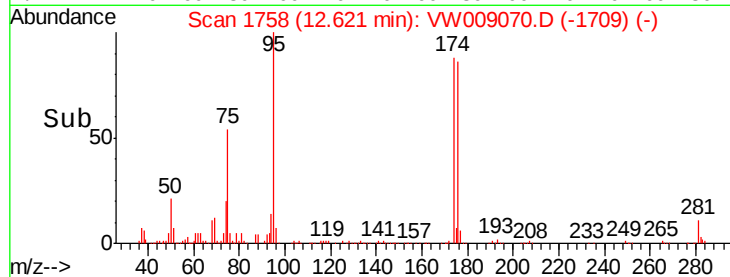
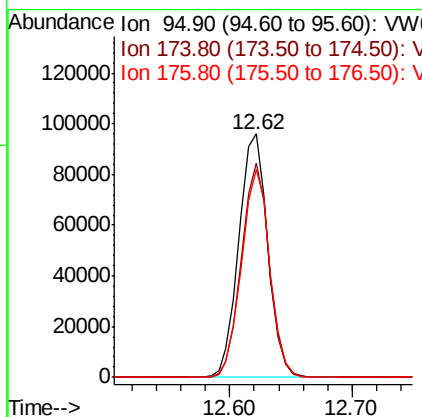
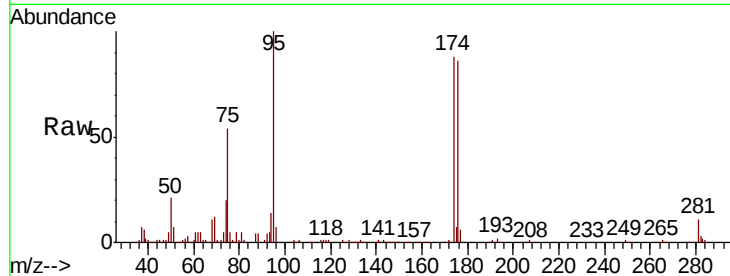




#62
4-Bromofluorobenzene
Concen: 42.143 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

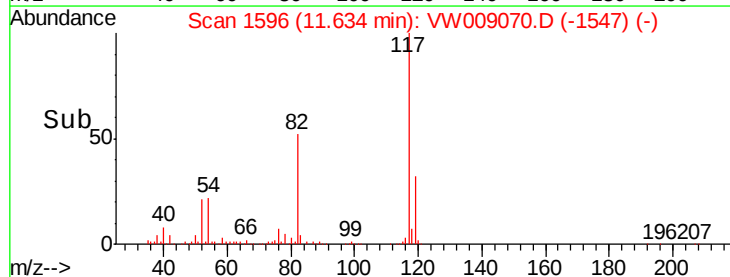
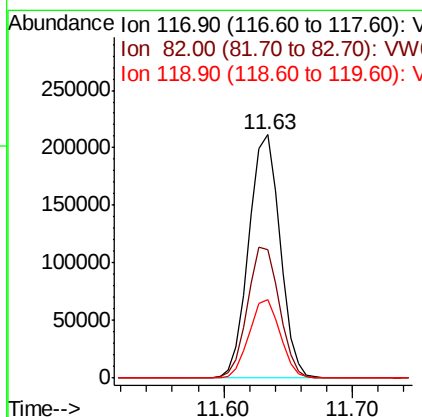
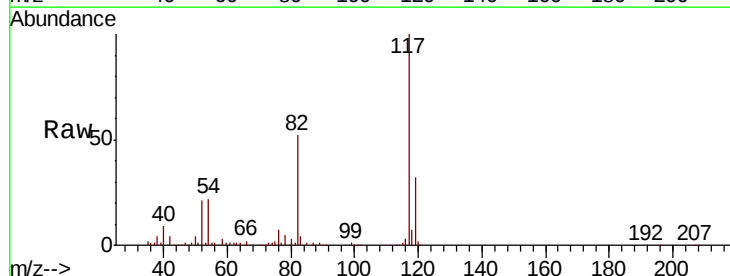
Instrument :
MSVOA_W
ClientSampleId :
TP-6

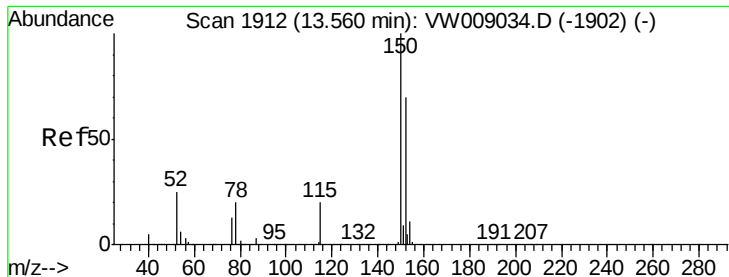
Tot Ion: 95 Resp: 156914
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.0
176 83.6 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Tgt Ion: 117 Resp: 353300
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.6
119 32.2 26.6 39.8



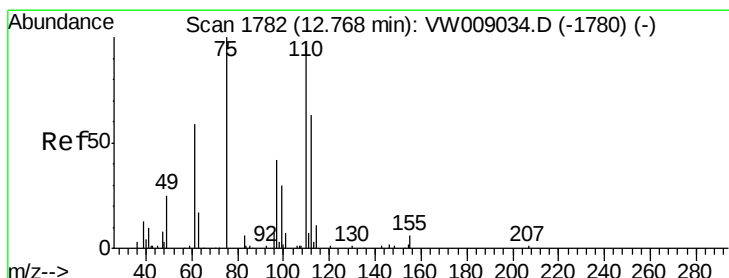
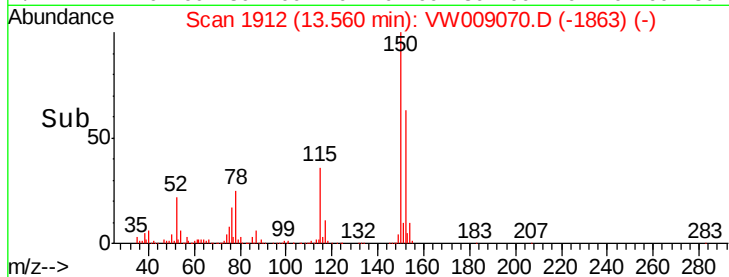
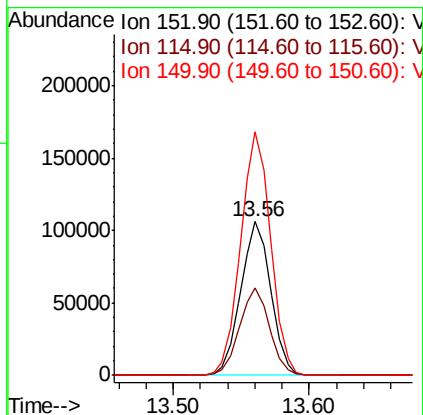
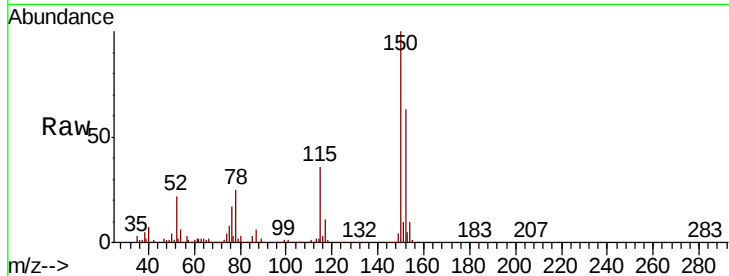


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Instrument :
MSVOA_W
ClientSampled :
TP-6

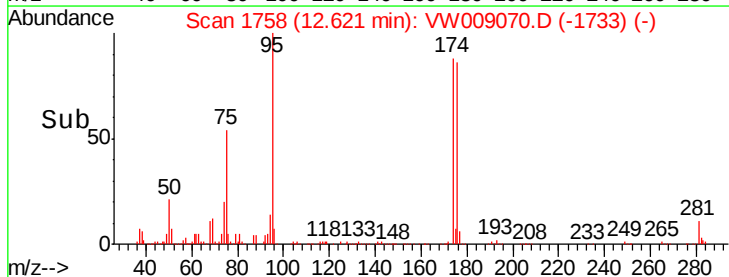
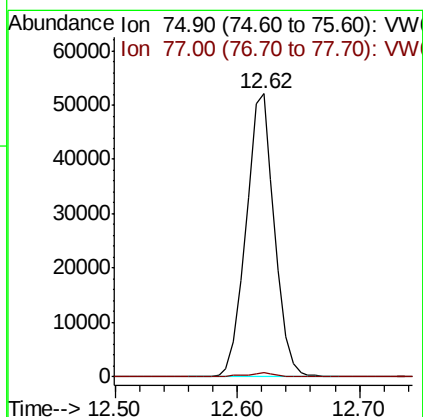
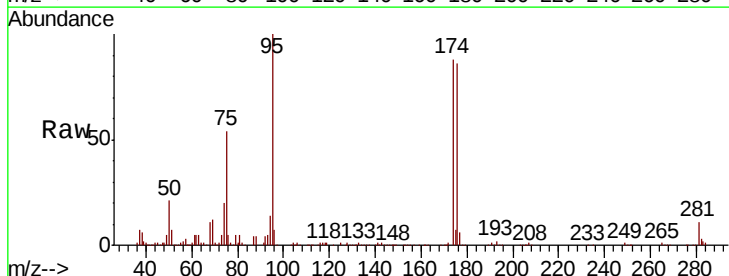
Tot Ion:152 Resp: 163855
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 157.9 0.0 349.2

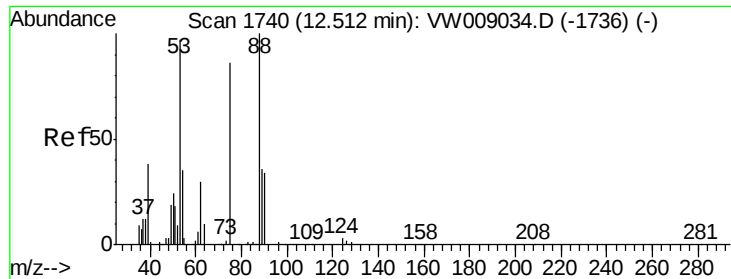


#76

1,2,3-Trichloropropane
Concen: 64.776 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW009070.D
Acq: 08 Mar 2019 22:11

Tgt Ion: 75 Resp: 83858
Ion Ratio Lower Upper
75 100
77 1.5 186.7 560.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 144.886 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009070.D

Acq: 08 Mar 2019 22:11

Instrument :

MSVOA_W

ClientSampleId :

TP-6

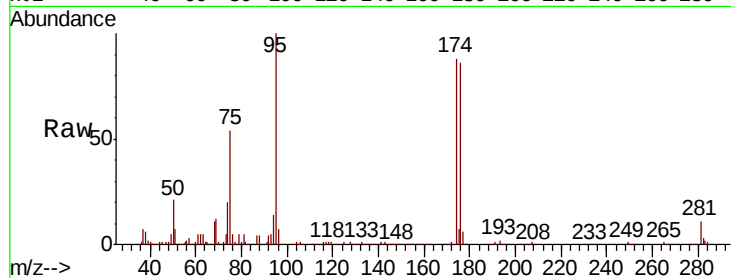
Tot Ion: 75 Resp: 83858

Ion Ratio Lower Upper

75 100

53 0.4 90.5 135.7#

89 0.1 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

