

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009066.D
 Acq On : 08 Mar 2019 20:24
 Operator : SY/VA
 Sample : K1807-03RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2RE

Quant Time: Mar 09 01:21:26 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	266082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	166101	62.05	ug/l	0.00
Spiked Amount			Recovery	=	124.10%	
35) Dibromofluoromethane	7.88	113	136574	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
50) Toluene-d8	10.32	98	512931	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.62	95	177518	42.55	ug/l	0.00
Spiked Amount			Recovery	=	85.10%	

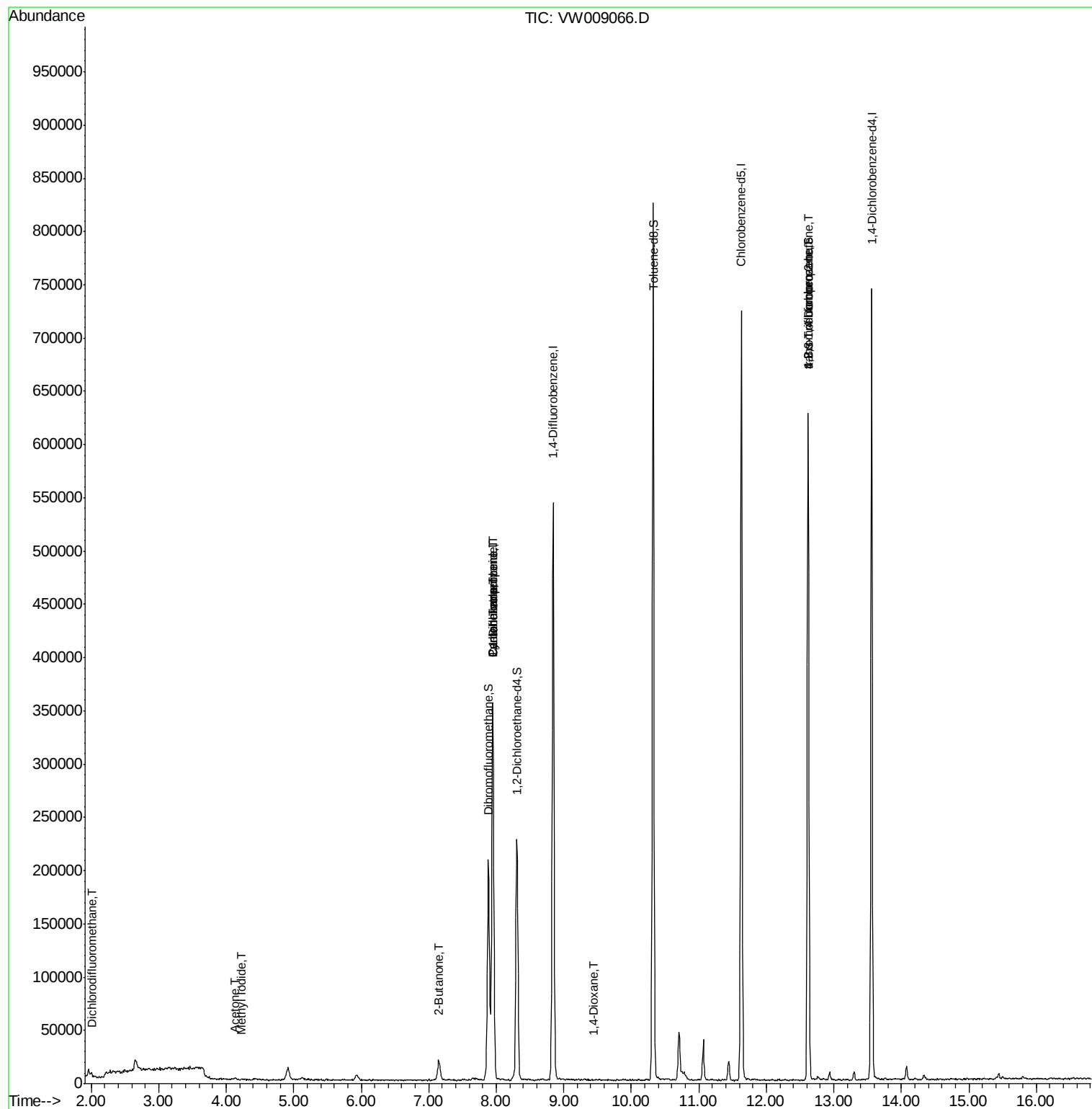
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	2832	1.056	ug/l	83
10) Methyl Iodide	4.22	142	23	3.195	ug/l #	42
16) Acetone	4.13	43	2084	3.450	ug/l #	76
20) Methylene Chloride	4.92	84	8136	Below Cal		91
25) 2-Butanone	7.16	43	1369	1.640	ug/l #	50
31) Cyclohexane	7.95	56	6650	1.332	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	21365	4.768	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26698	5.769	ug/l #	18
49) 1,4-Dioxane	9.43	88	38	1.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	95389	65.333	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	95389	146.134	ug/l #	5

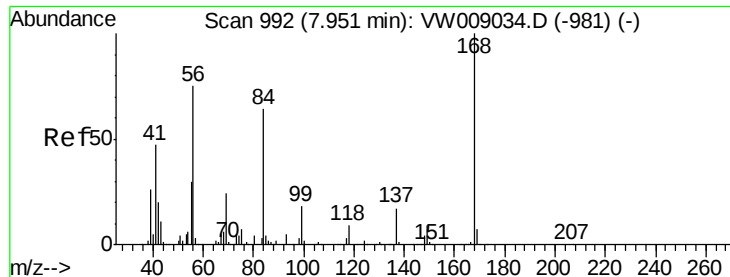
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
Data File : VW009066.D
Acq On : 08 Mar 2019 20:24
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Quant Time: Mar 09 01:21:26 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# 992

Delta R.T. -0.00 min

Lab File: VW009066.D

Acq: 08 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

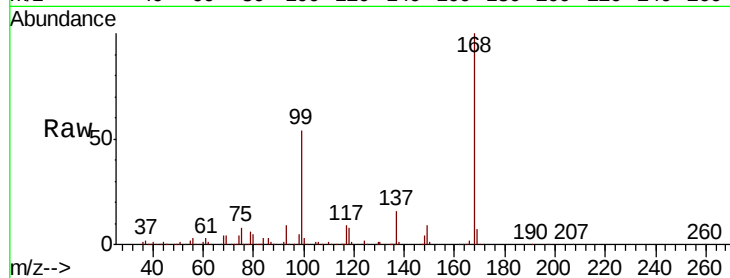
TP-2RE

Tot Ion:168 Resp: 266082

Ion Ratio Lower Upper

168 100

99 53.7 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

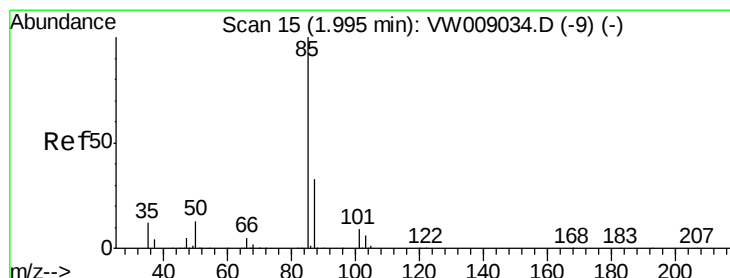
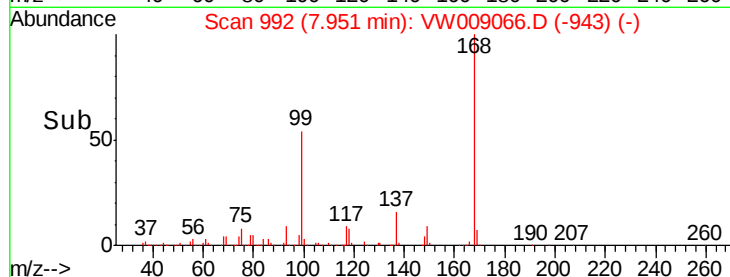
100000

50000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 1.056 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009066.D

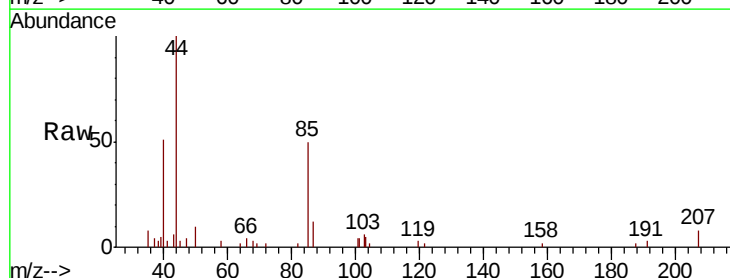
Acq: 08 Mar 2019 20:24

Tgt Ion: 85 Resp: 2832

Ion Ratio Lower Upper

85 100

87 23.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

2000

1500

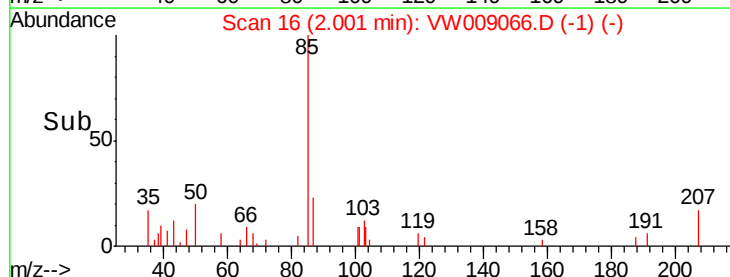
1000

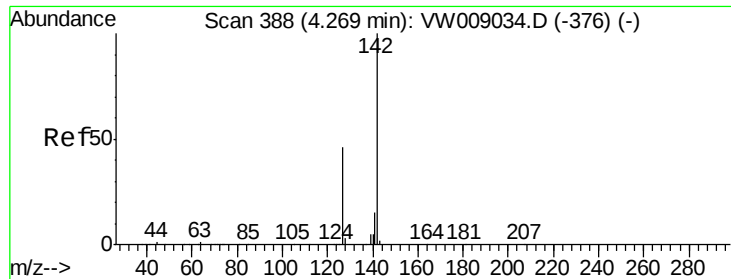
500

0

Time-->

1.95 2.00 2.05





#10

Methvl Iodide

Concen: 3.195 ug/l

RT: 4.22 min Scan# 380

Delta R.T. -0.05 min

Lab File: VW009066.D

Acq: 08 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

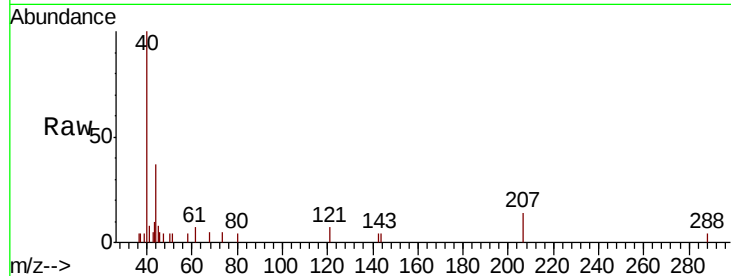
Tot Ion:142 Resp: 23

Ion Ratio Lower Upper

142 100

127 87.0 35.8 53.6#

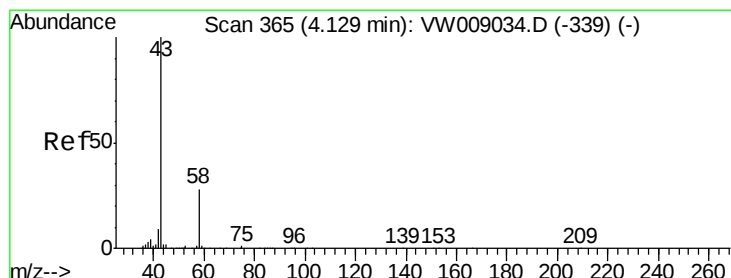
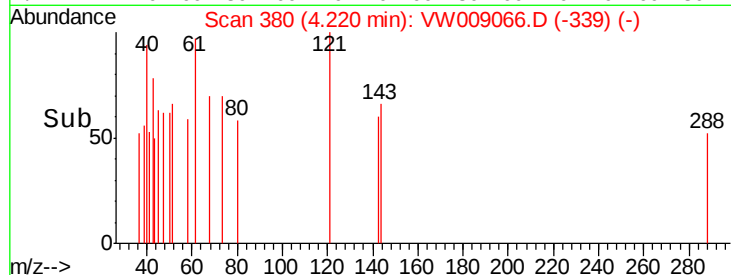
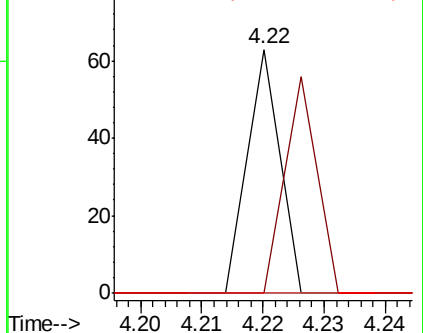
141 0.0 11.8 17.8#



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



#16

Acetone

Concen: 3.450 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009066.D

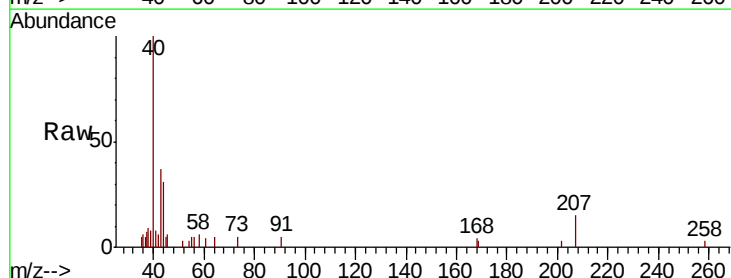
Acq: 08 Mar 2019 20:24

Tgt Ion: 43 Resp: 2084

Ion Ratio Lower Upper

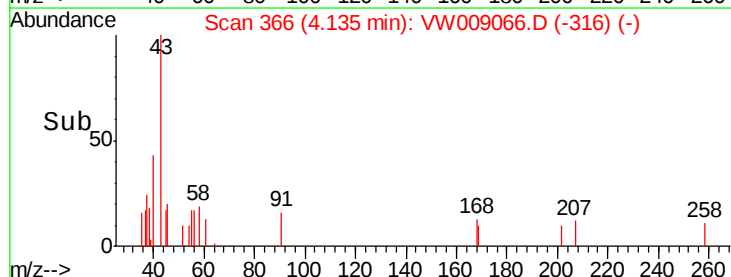
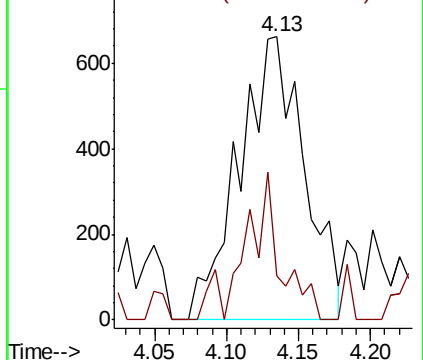
43 100

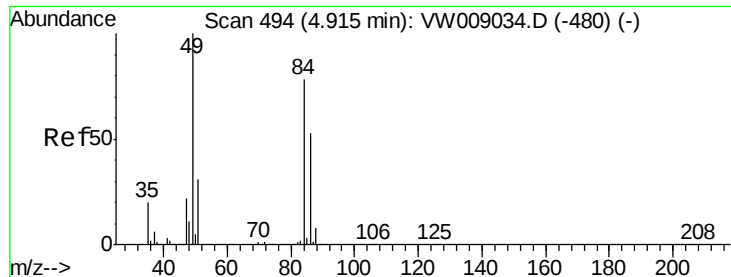
58 15.4 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

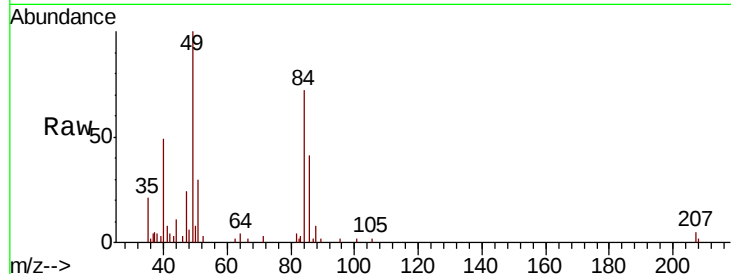




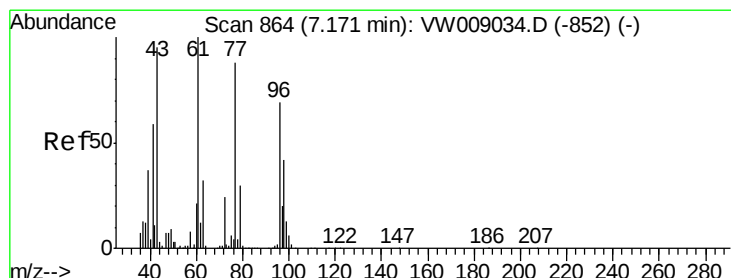
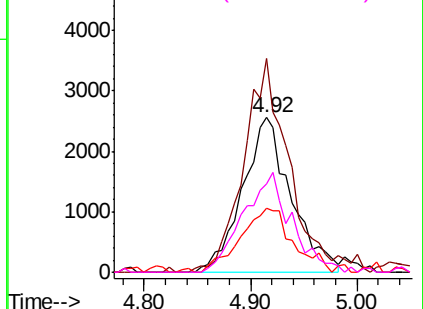
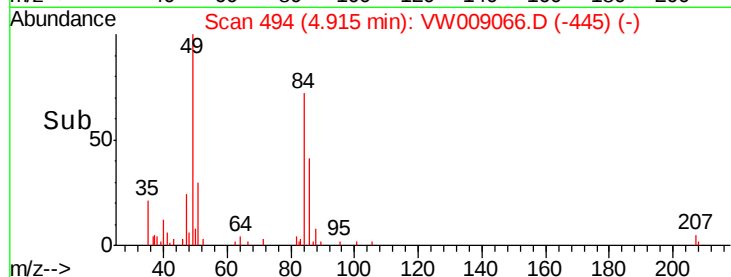
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

Instrument :
MSVOA_W
ClientSampled :
TP-2RE

Tot Ion: 84 Resp: 8136
Ion Ratio Lower Upper
84 100
49 138.2 102.4 153.6
51 39.4 31.6 47.4
86 57.0 54.5 81.7

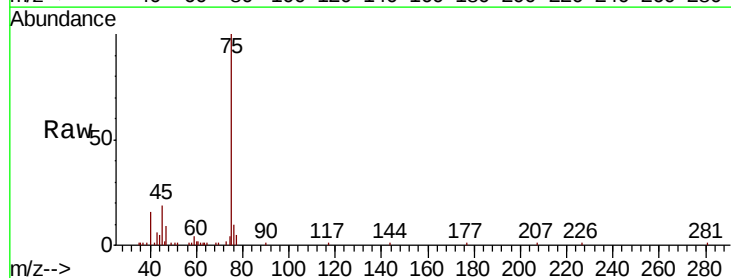


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

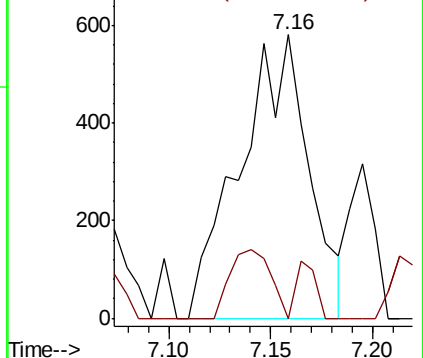
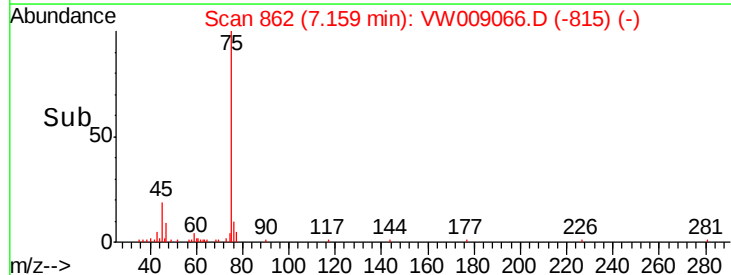


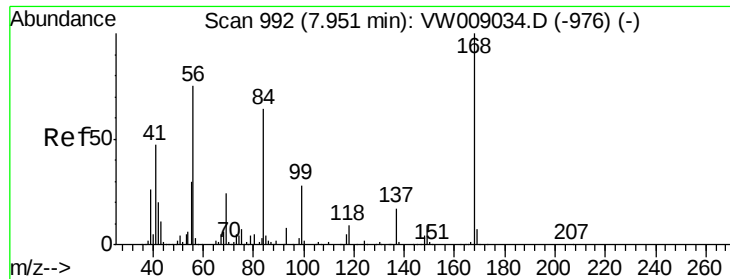
#25
2-Butanone
Concen: 1.640 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

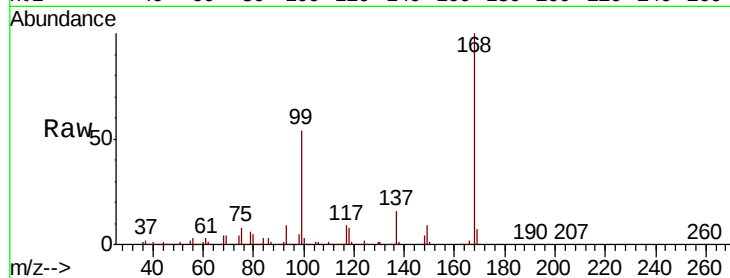




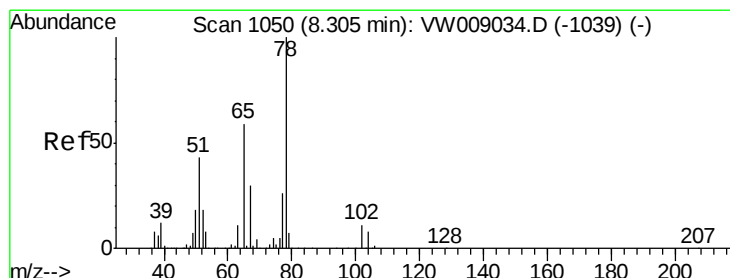
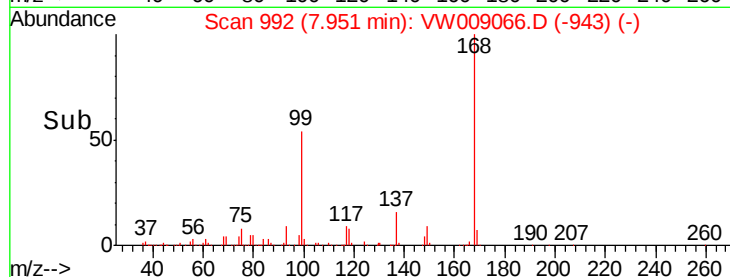
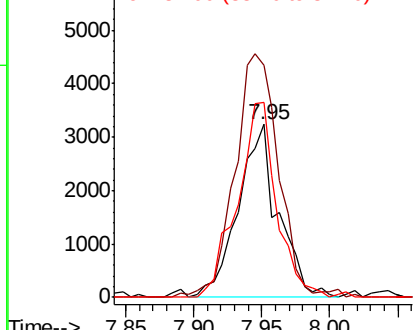
#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
TP-2RE

Tot Ion: 56 Resp: 6650
Ion Ratio Lower Upper
56 100
69 132.7 25.5 38.3#
84 113.0 68.6 103.0#

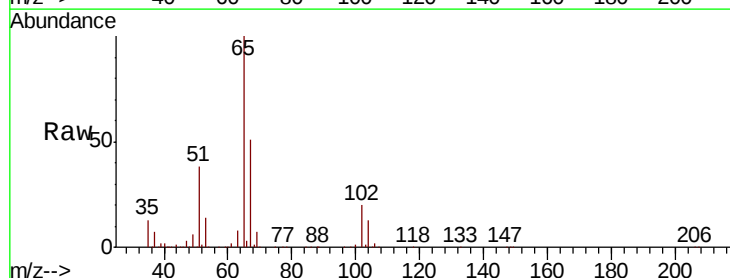


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

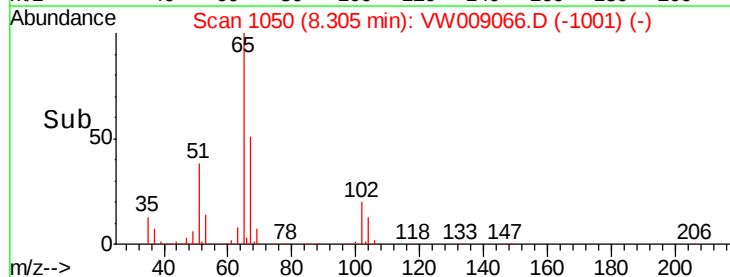
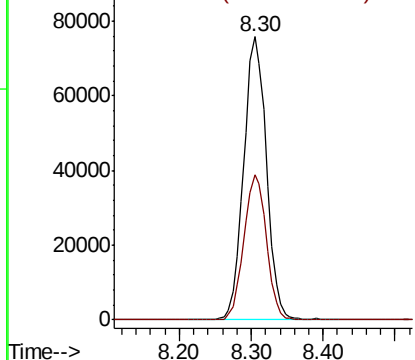


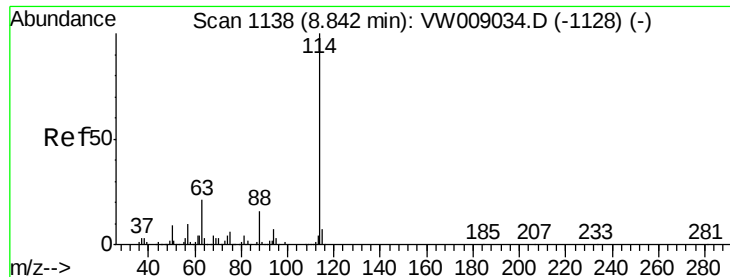
#33
1,2-Dichloroethane-d4
Concen: 62.046 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

Tgt Ion: 65 Resp: 166101
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



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

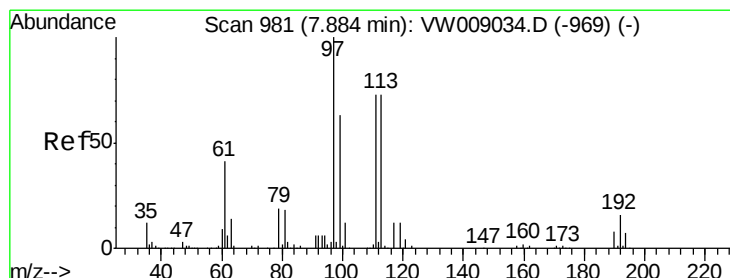
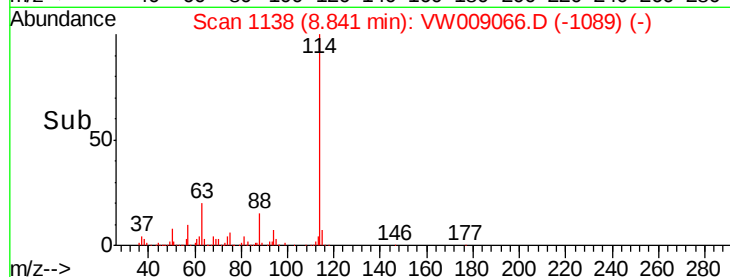
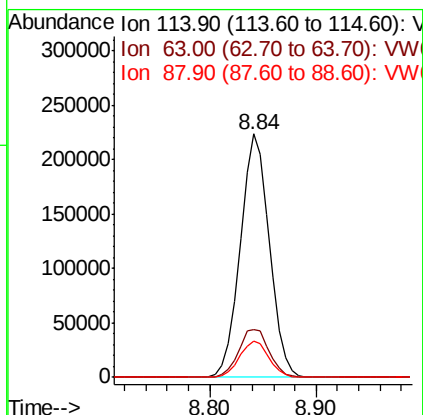
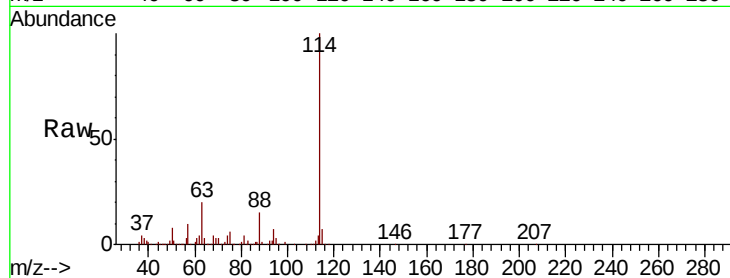




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

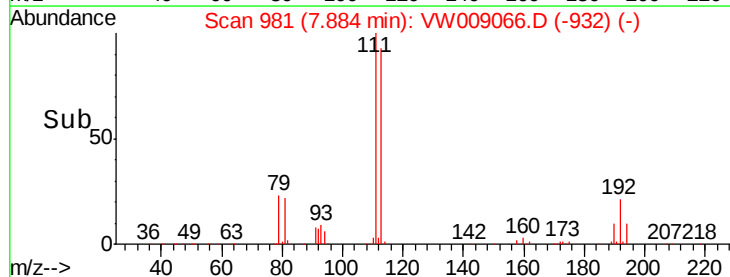
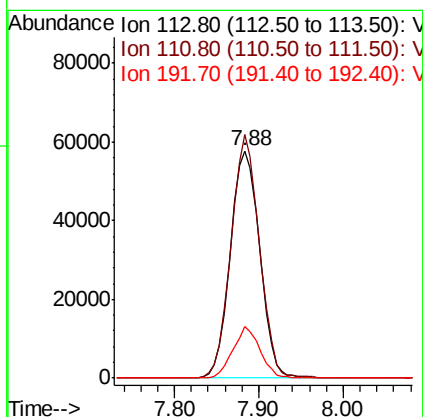
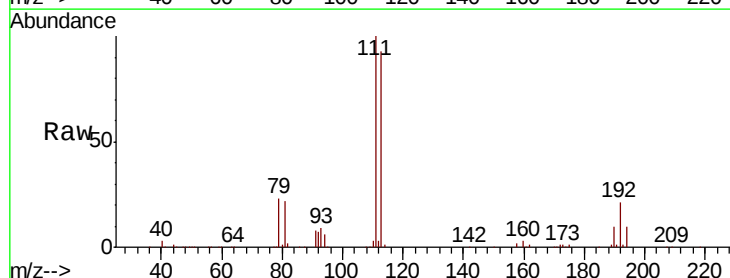
Instrument :
MSVOA_W
ClientSampleId :
TP-2RE

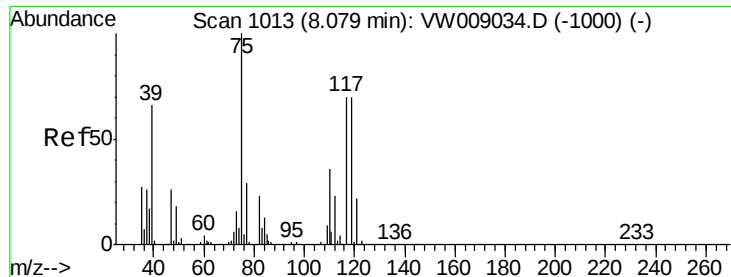
Tot Ion:114 Resp: 428563
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.2
88 14.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.929 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

Tgt Ion:113 Resp: 136574
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.4
192 20.8 17.1 25.7

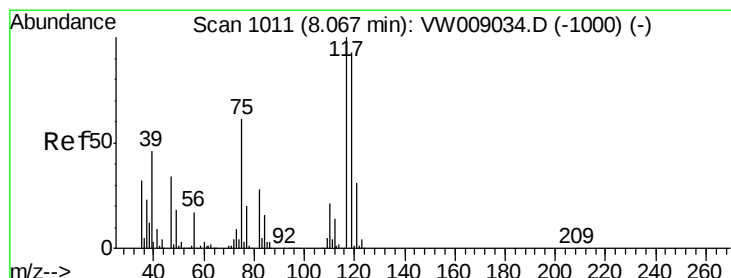
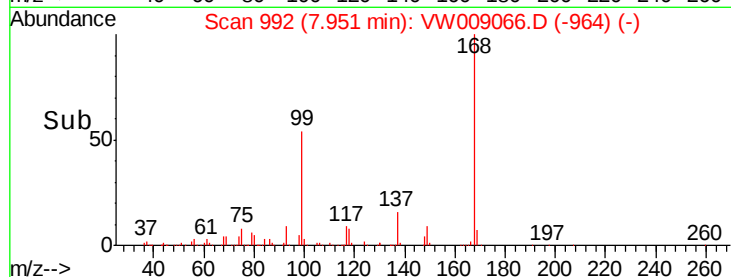
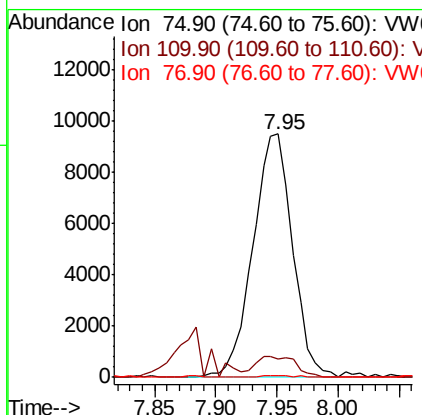
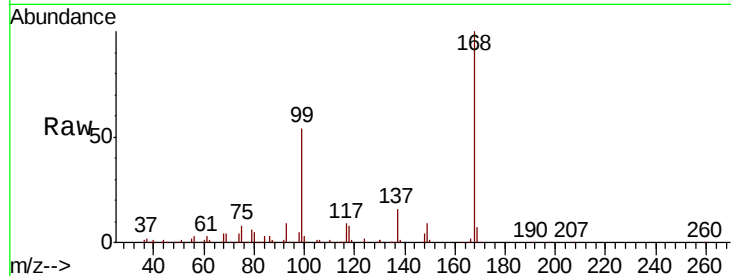




#36
 1,1-Dichloropropene
 Concen: 4.768 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW009066.D
 Acq: 08 Mar 2019 20:24

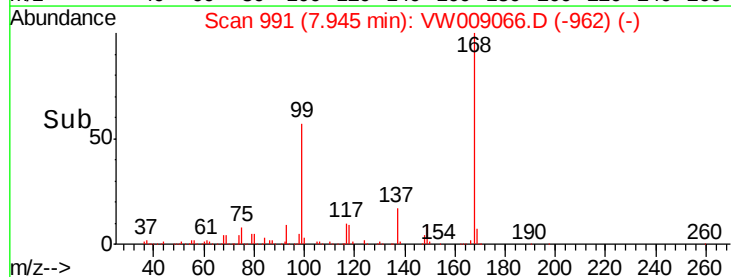
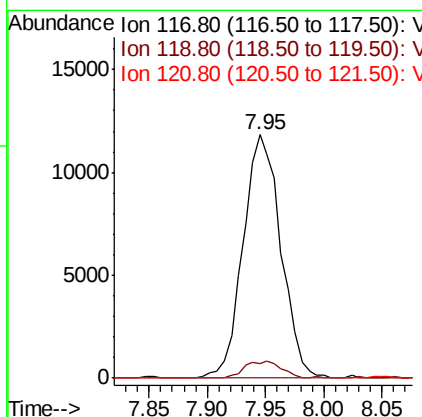
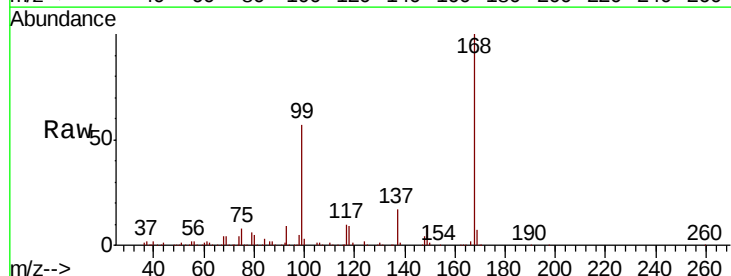
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2RE

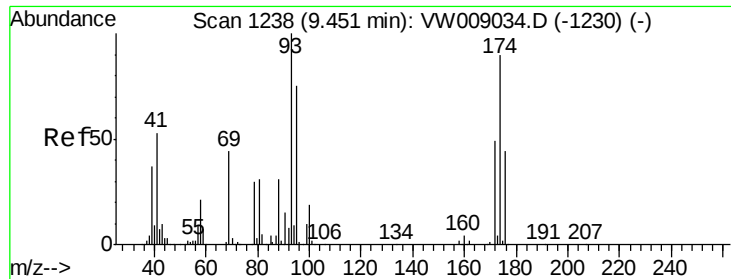
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.6	52.9#
77	0.5	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.769 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009066.D
 Acq: 08 Mar 2019 20:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.6	112.0#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 1.622 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.02 min

Lab File: VW009066.D

Acq: 08 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampled :

TP-2RE

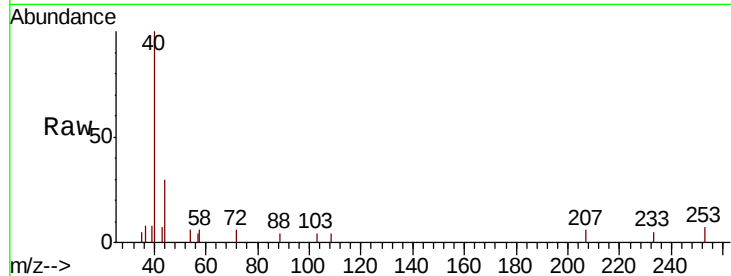
Tot Ion: 88 Resp: 38

Ion Ratio Lower Upper

88 100

43 778.9 29.0 43.4#

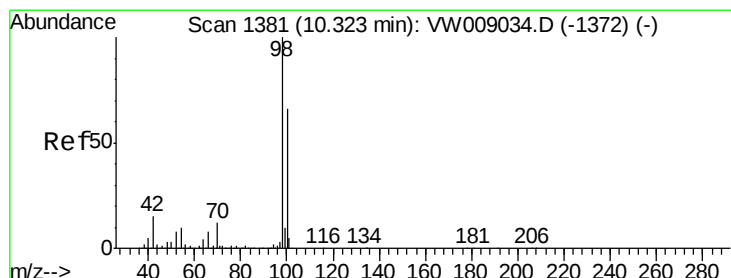
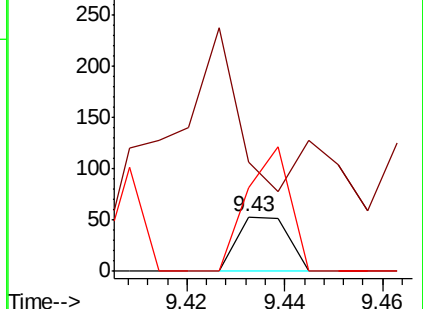
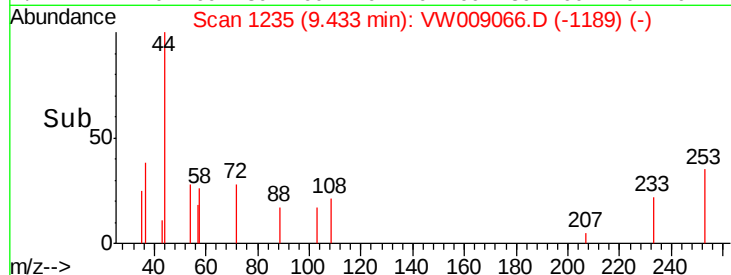
58 194.7 59.2 88.8#



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: 48.400 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009066.D

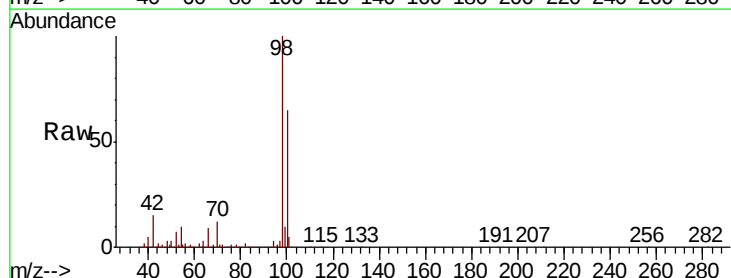
Acq: 08 Mar 2019 20:24

Tgt Ion: 98 Resp: 512931

Ion Ratio Lower Upper

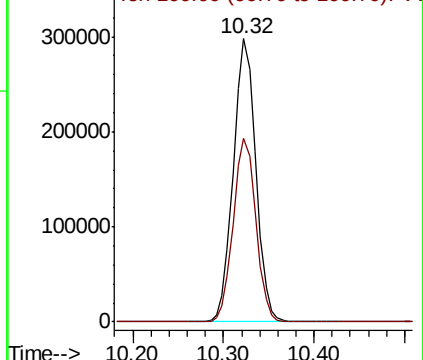
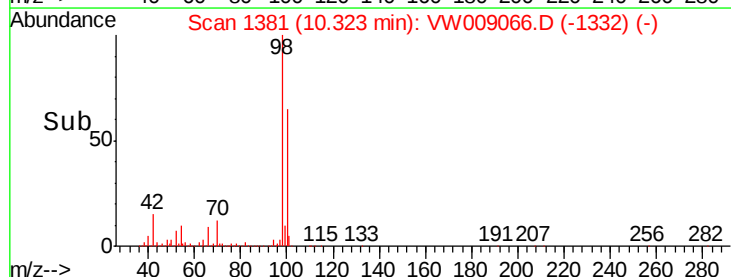
98 100

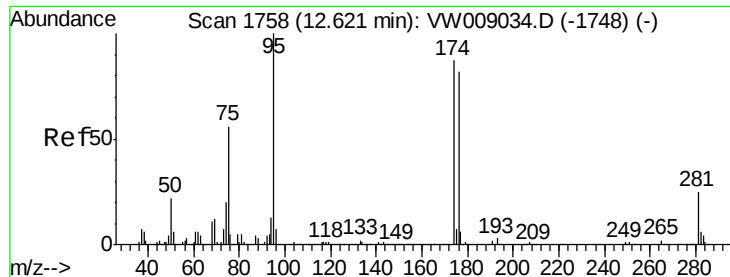
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

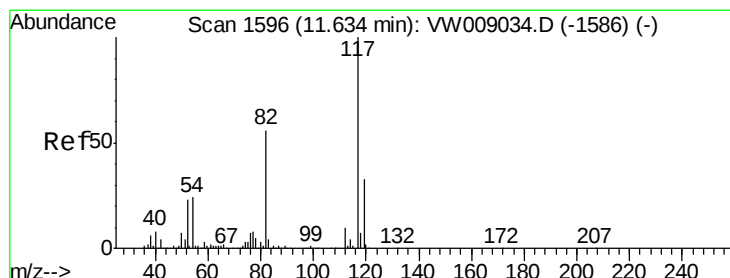
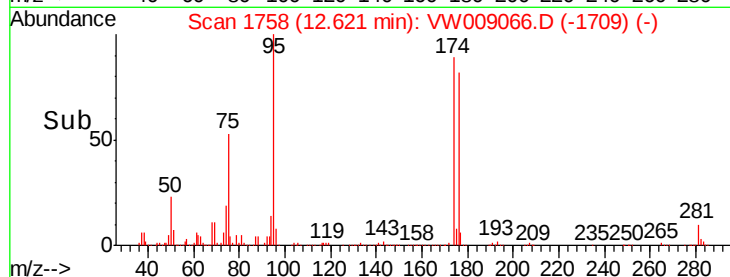
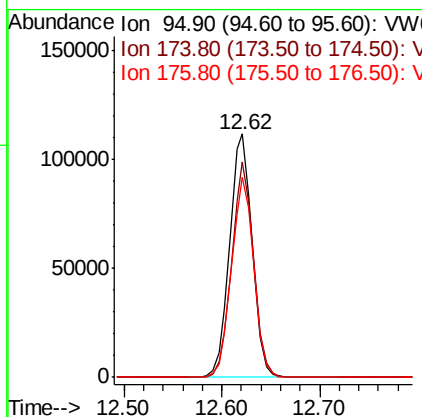
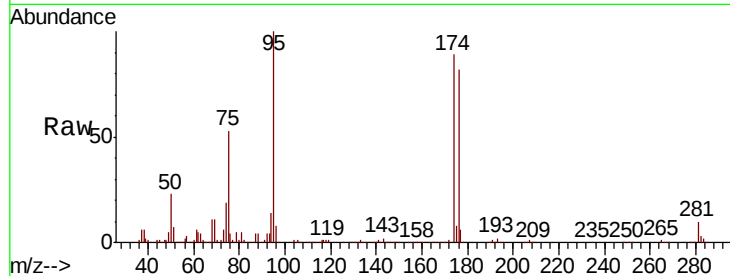




#62
4-Bromofluorobenzene
Concen: 42.550 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

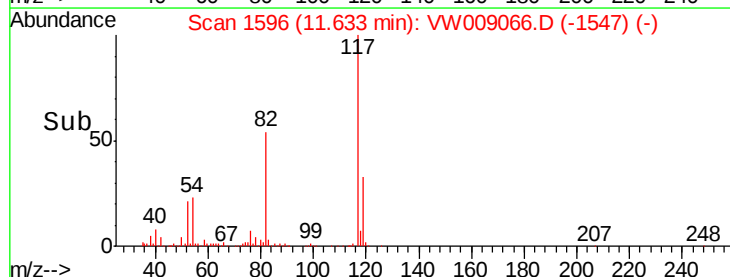
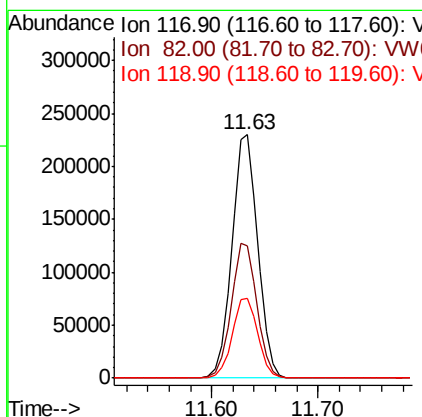
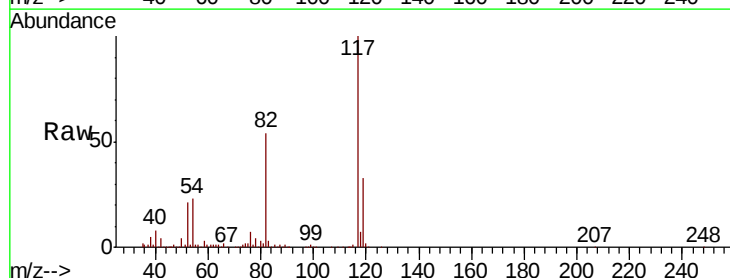
Instrument :
MSVOA_W
ClientSampled :
TP-2RE

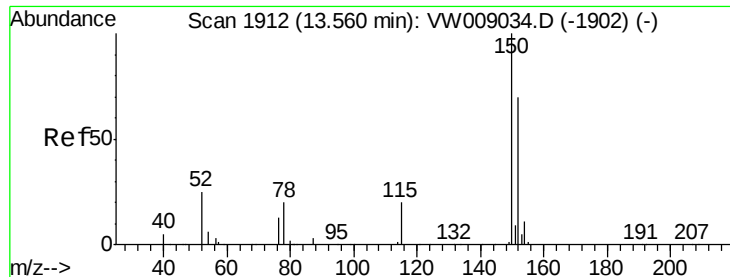
Tot Ion: 95 Resp: 177518
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.0
176 81.5 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009066.D
Acq: 08 Mar 2019 20:24

Tgt Ion: 117 Resp: 391639
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.6
119 33.0 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: VW009066.D

Acq: 08 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampled :

TP-2RE

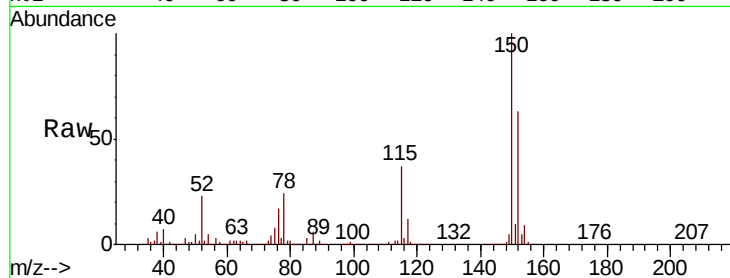
Tot Ion:152 Resp: 184795

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

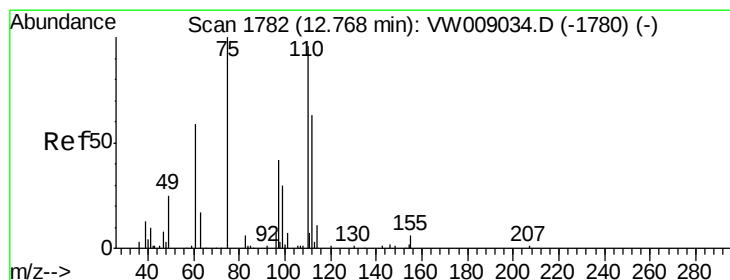
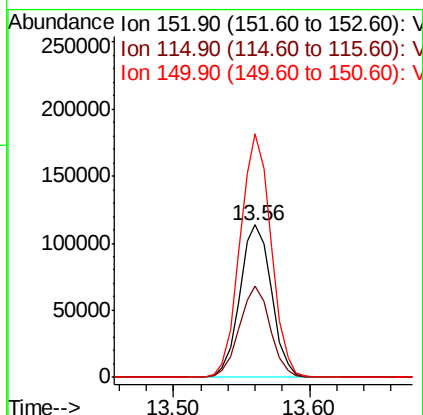
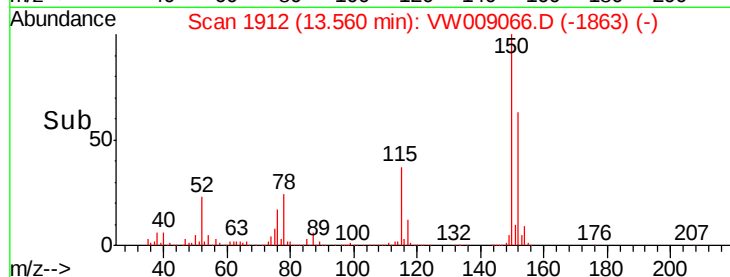
150 156.1 0.0 349.2



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: 65.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009066.D

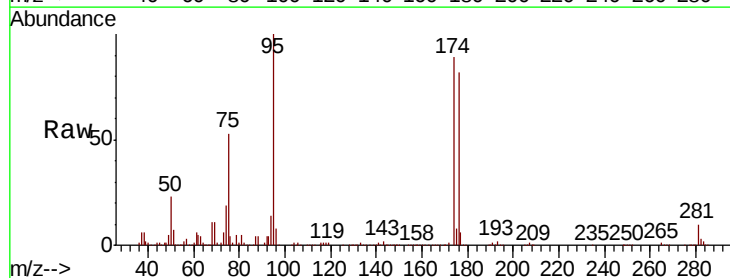
Acq: 08 Mar 2019 20:24

Tgt Ion: 75 Resp: 95389

Ion Ratio Lower Upper

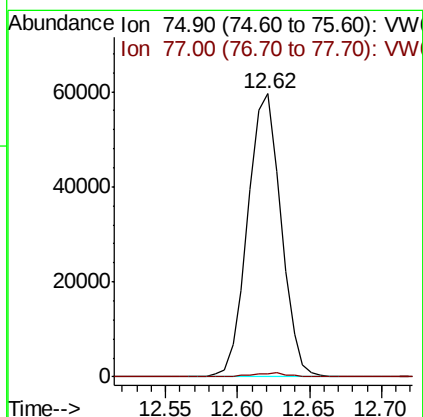
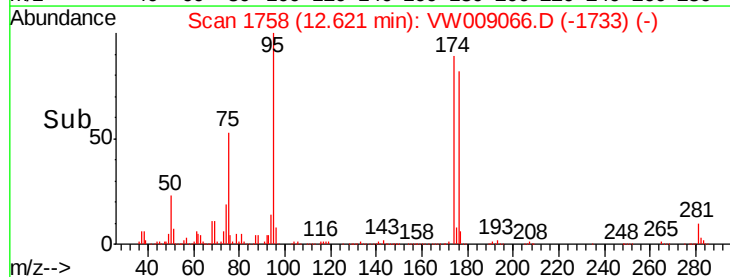
75 100

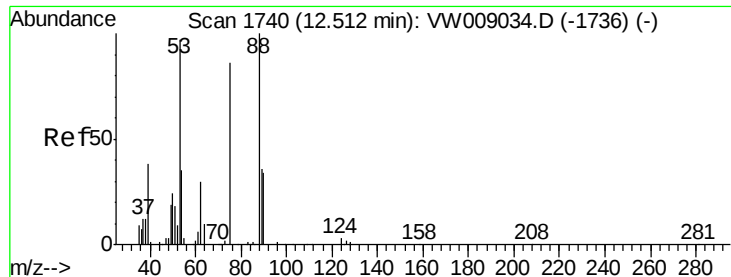
77 1.5 186.7 560.0#



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: 146.134 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009066.D

Acq: 08 Mar 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

TP-2RE

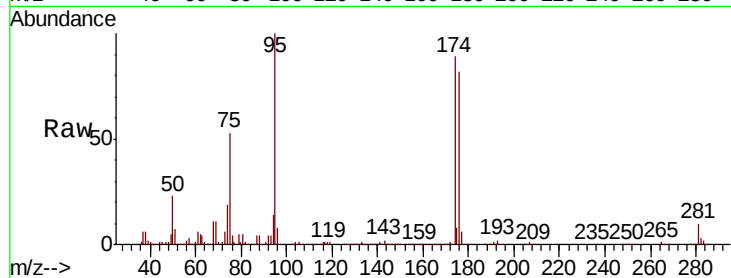
Tot Ion: 75 Resp: 95389

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.0 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

