

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009064.D
 Acq On : 08 Mar 2019 19:30
 Operator : SY/VA
 Sample : K1807-45
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-23

Quant Time: Mar 09 01:21:08 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	288852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198491	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	179047	61.61	ug/l	0.00
Spiked Amount			Recovery	=	123.22%	
35) Dibromofluoromethane	7.88	113	142622	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
50) Toluene-d8	10.32	98	554688	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.62	95	191606	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

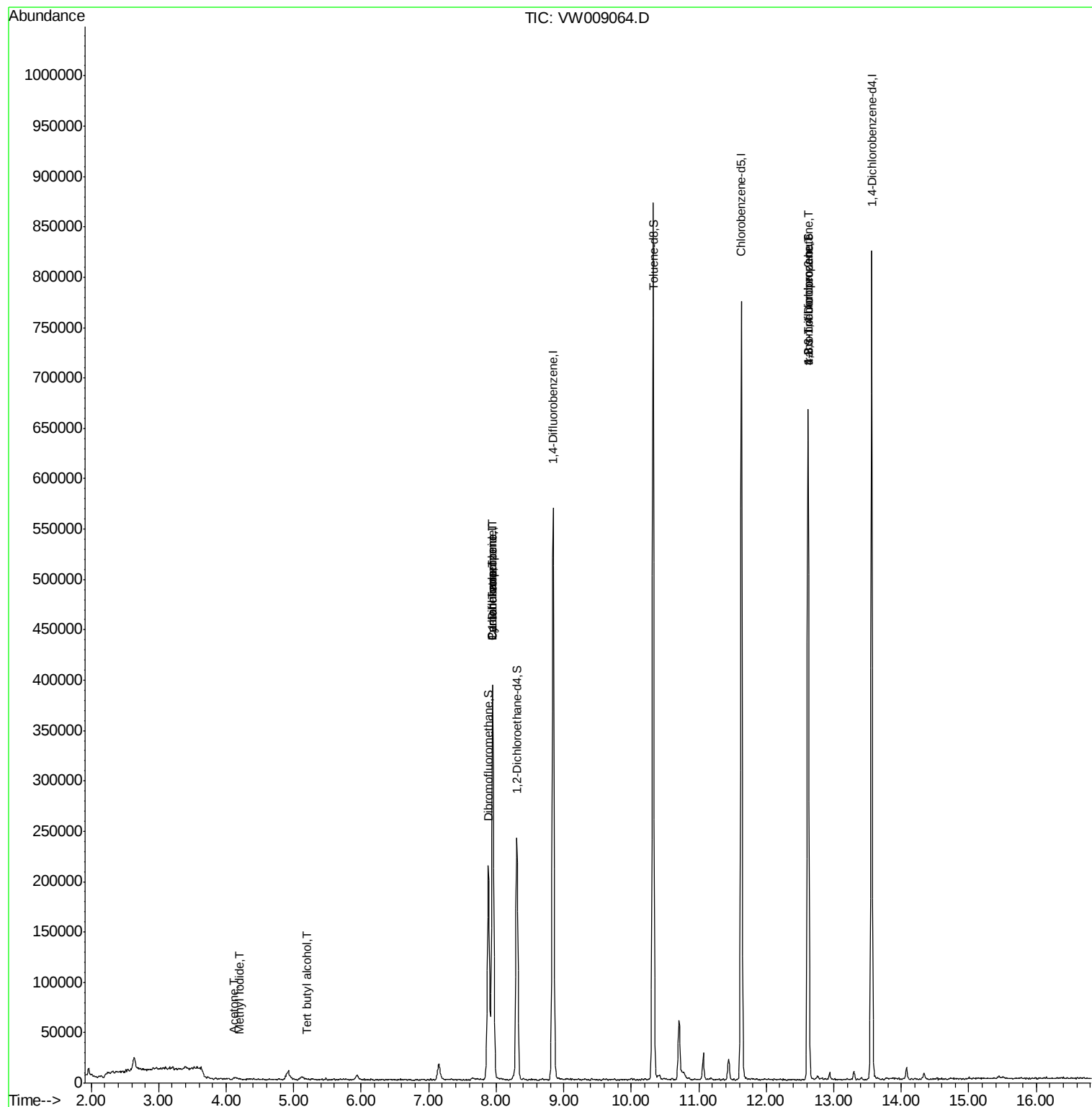
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.20	142	66	3.206	ug/l #	75
11) Tert butyl alcohol	5.19	59	249	1.118	ug/l #	21
16) Acetone	4.12	43	1941	2.960	ug/l #	44
20) Methylene Chloride	4.92	84	6102	Below Cal	#	88
31) Cyclohexane	7.95	56	7307	1.348	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	22024	4.605	ug/l #	50
38) Carbon Tetrachloride	7.95	117	28552	5.781	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	103266	65.848	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	103266	147.285	ug/l #	5

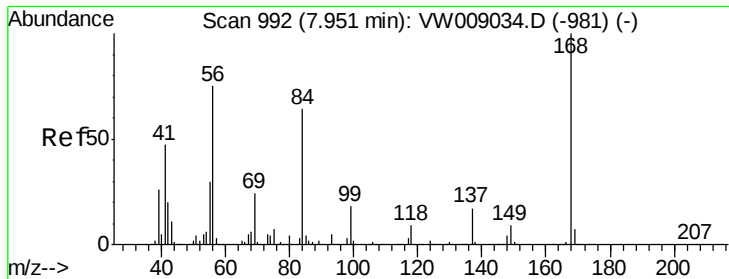
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009064.D

Acq: 08 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

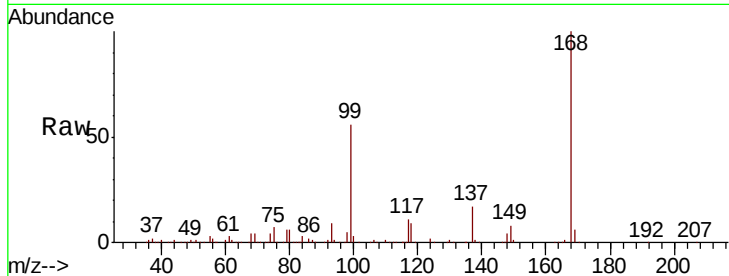
TP-23

Tot Ion:168 Resp: 288852

Ion Ratio Lower Upper

168 100

99 56.3 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

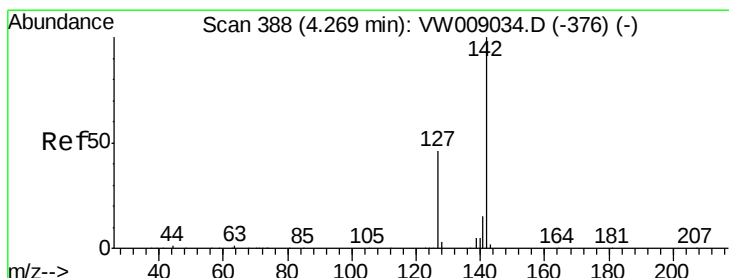
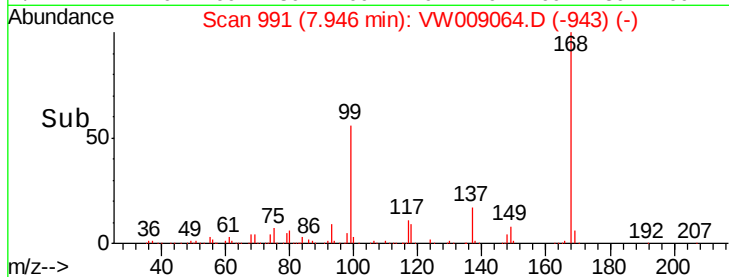
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 3.206 ug/l

RT: 4.20 min Scan# 376

Delta R.T. -0.07 min

Lab File: VW009064.D

Acq: 08 Mar 2019 19:30

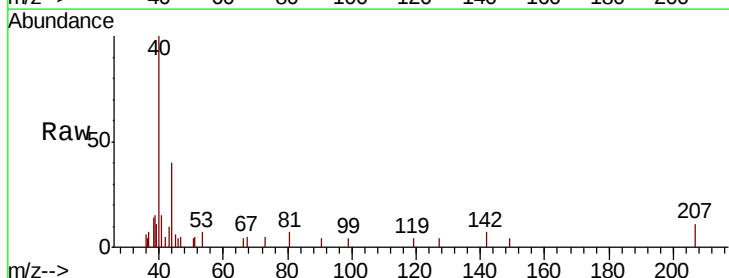
Tgt Ion:142 Resp: 66

Ion Ratio Lower Upper

142 100

127 30.3 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

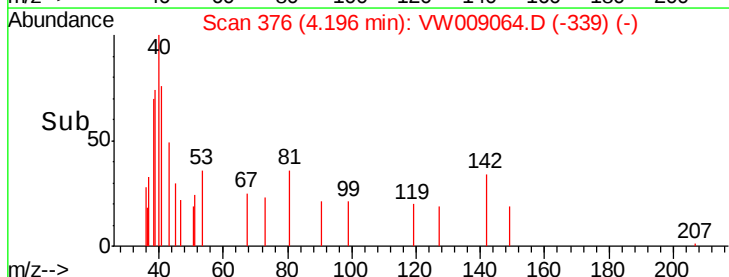
4.20

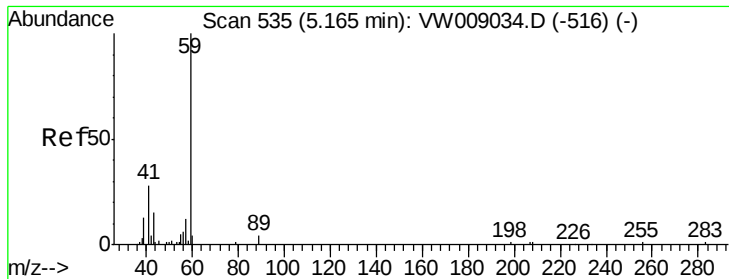
100

50

0

Time-->

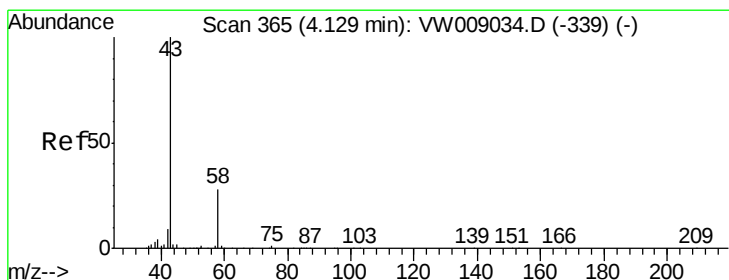
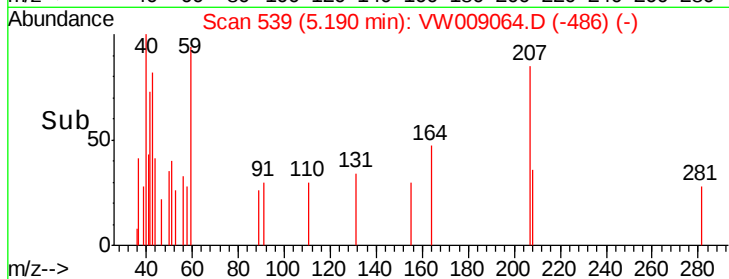
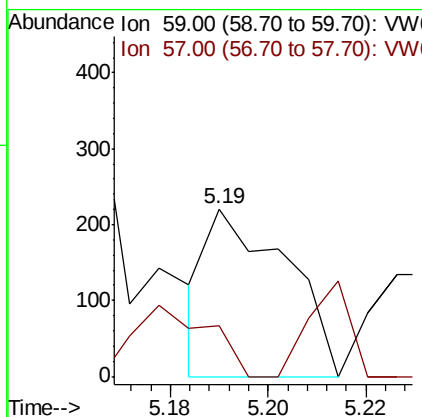
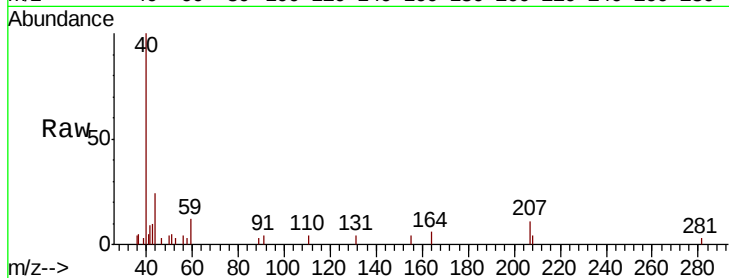




#11
Tert butyl alcohol
Concen: 1.118 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

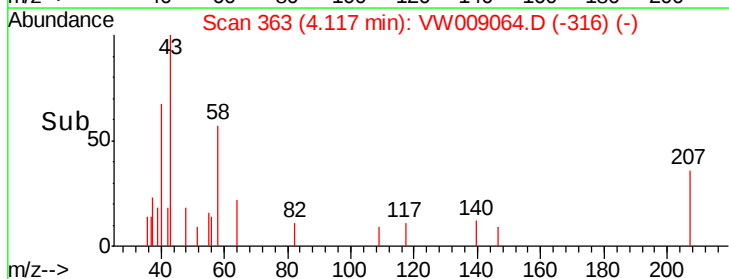
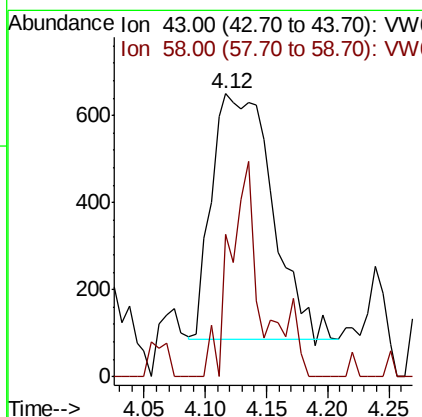
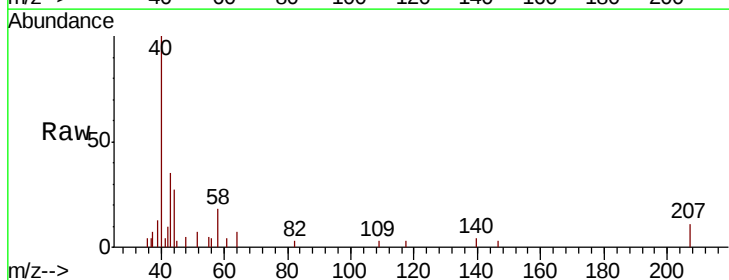
Instrument :
MSVOA_W
ClientSampled :
TP-23

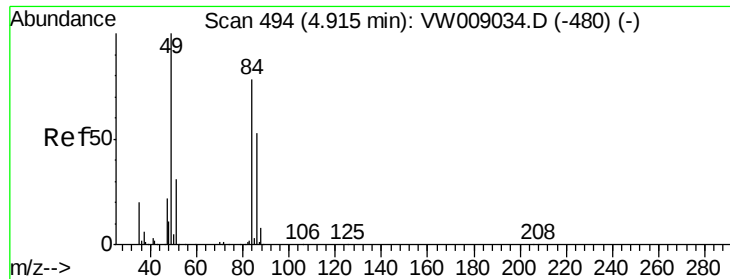
Tot Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 40.6 8.6 12.8#



#16
Acetone
Concen: 2.960 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 57.7 22.5 33.7#

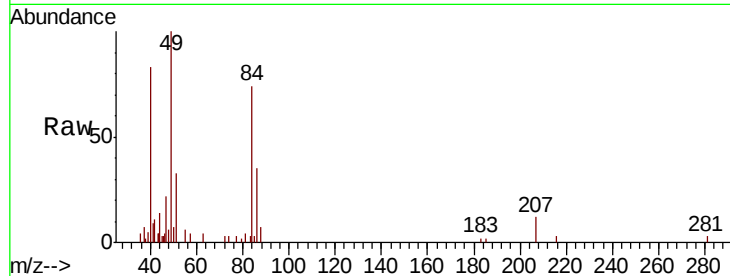




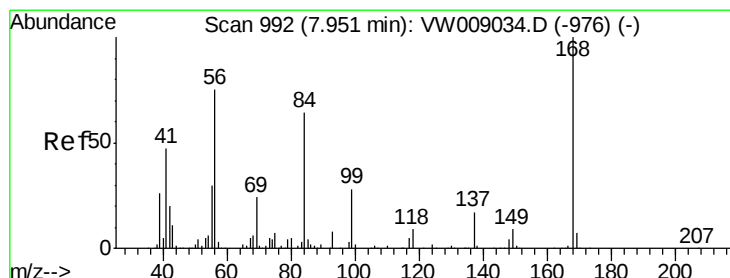
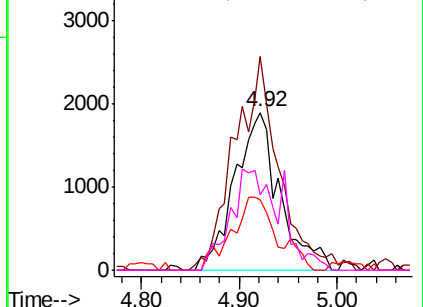
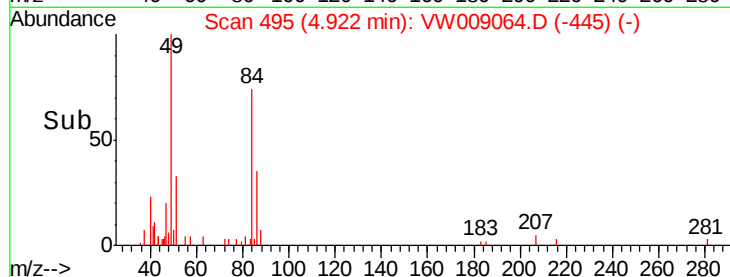
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :
TP-23

Tot Ion: 84 Resp: 6102
Ion Ratio Lower Upper
84 100
49 135.4 102.4 153.6
51 44.7 31.6 47.4
86 47.8 54.5 81.7#

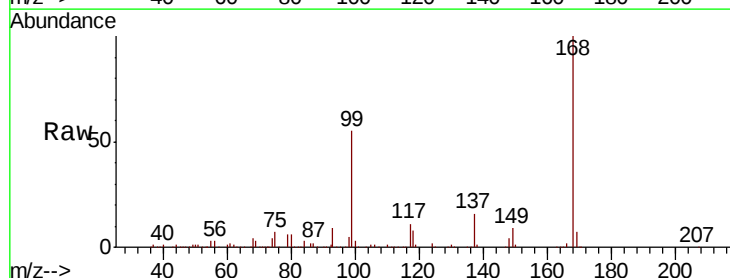


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

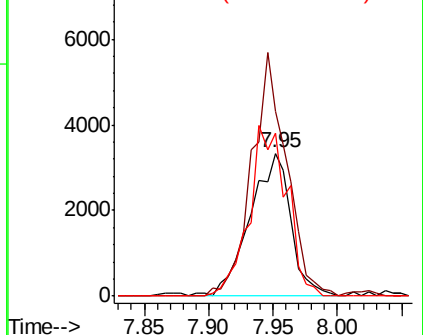
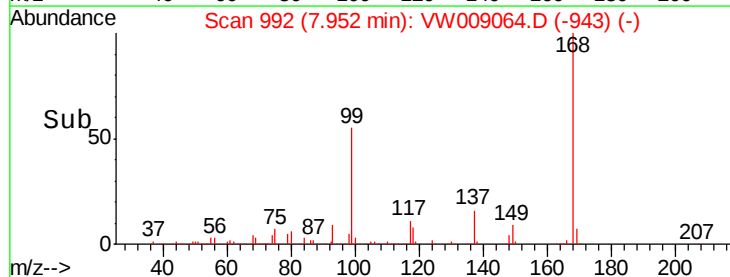


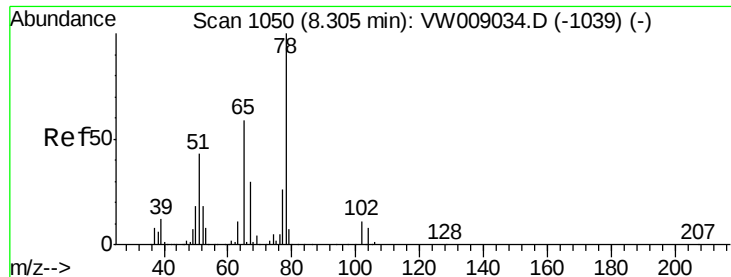
#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

Tgt Ion: 56 Resp: 7307
Ion Ratio Lower Upper
56 100
69 129.1 25.5 38.3#
84 114.3 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

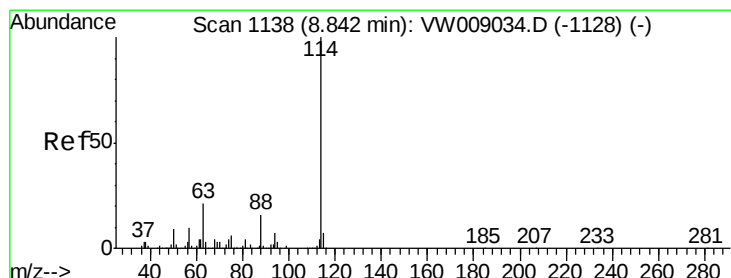
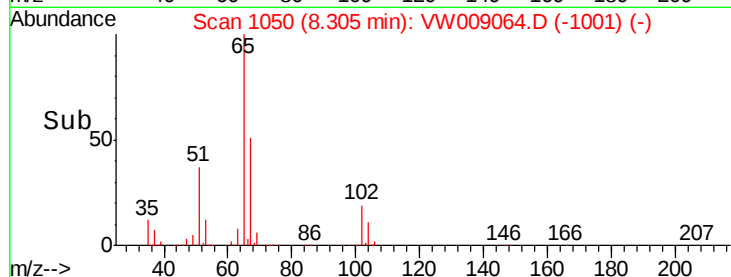
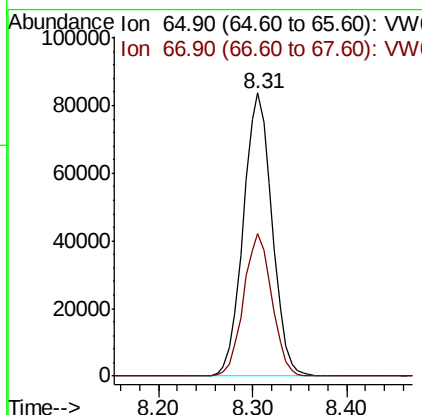
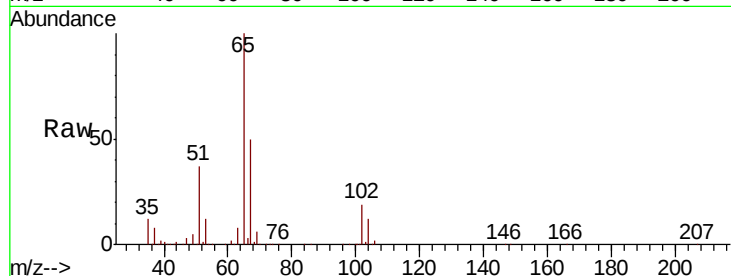




#33
 1,2-Dichloroethane-d4
 Concen: 61.610 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009064.D
 Acq: 08 Mar 2019 19:30

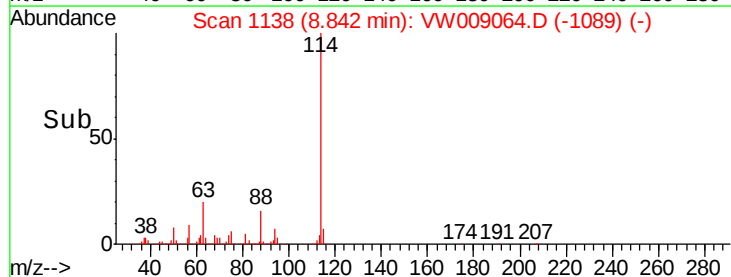
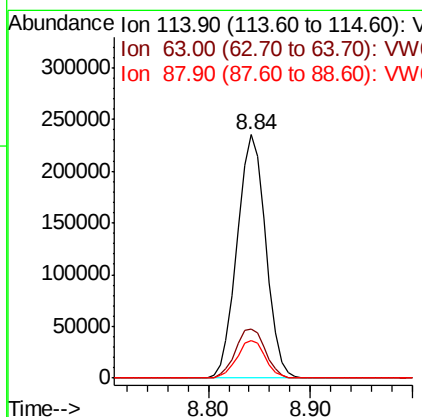
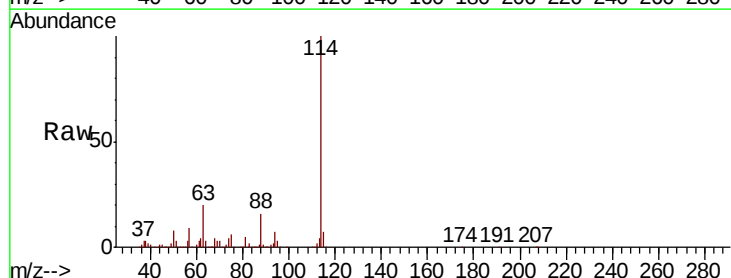
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-23

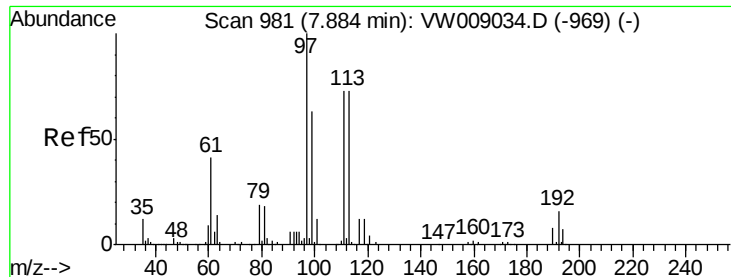
Tot Ion: 65 Resp: 179047
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009064.D
 Acq: 08 Mar 2019 19:30

Tgt Ion: 114 Resp: 457398
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 15.5 0.0 31.2

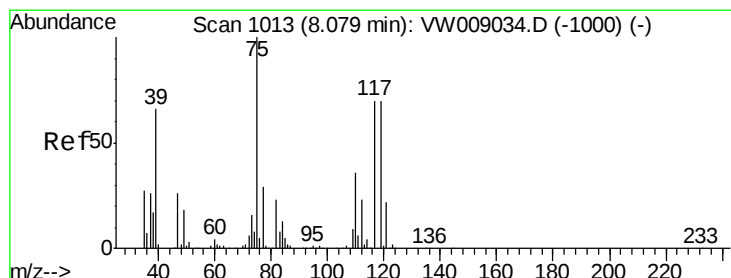
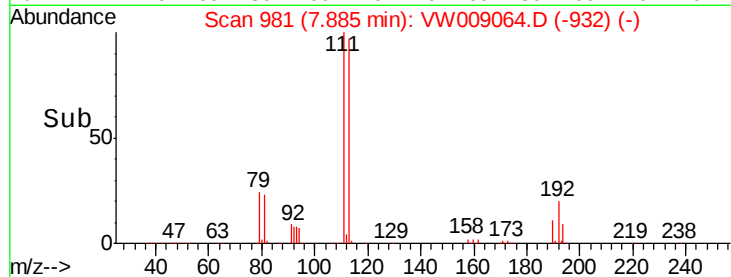
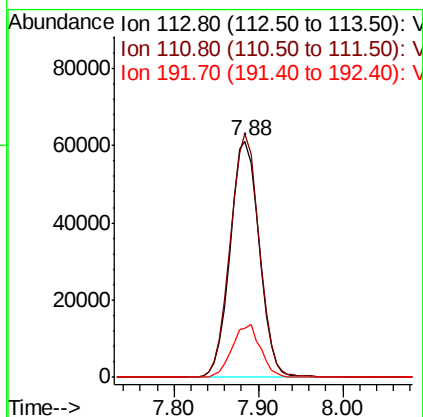
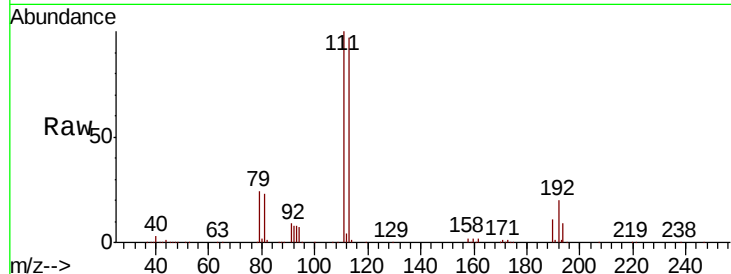




#35
 Dibromofluoromethane
 Concen: 51.788 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009064.D
 Acq: 08 Mar 2019 19:30

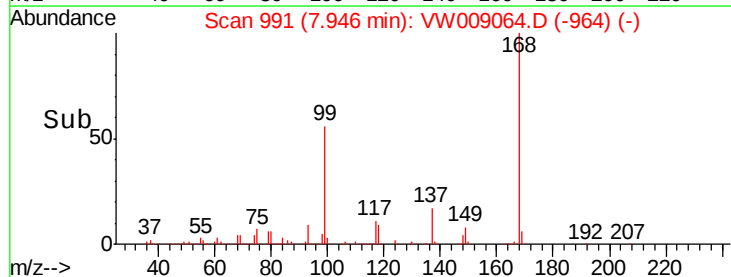
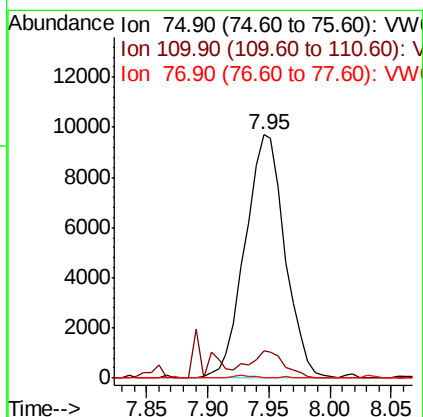
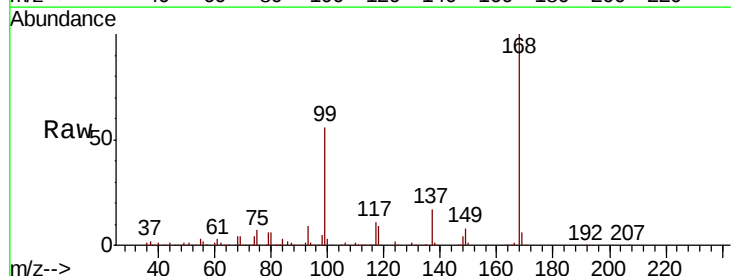
Instrument :
 MSVOA_W
 ClientSampled :
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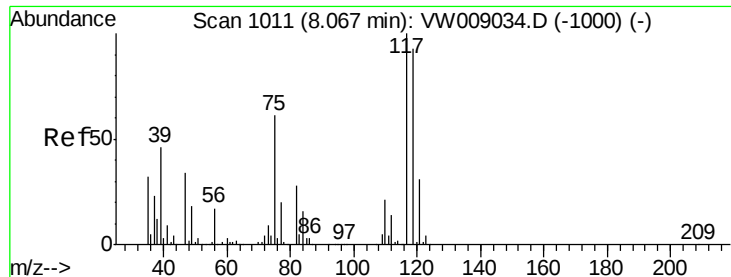
Tot Ion:113 Resp: 142622
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.0 121.4
 192 21.7 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 4.605 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009064.D
 Acq: 08 Mar 2019 19:30

Tgt Ion: 75 Resp: 22024
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.6 52.9#
 77 0.1 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009064.D

Acq: 08 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampled :

TP-23

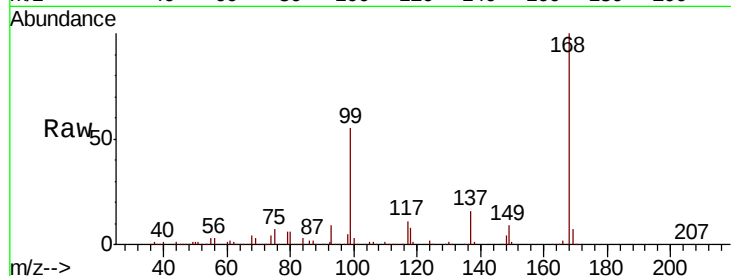
Tot Ion:117 Resp: 28552

Ion Ratio Lower Upper

117 100

119 7.3 74.6 112.0#

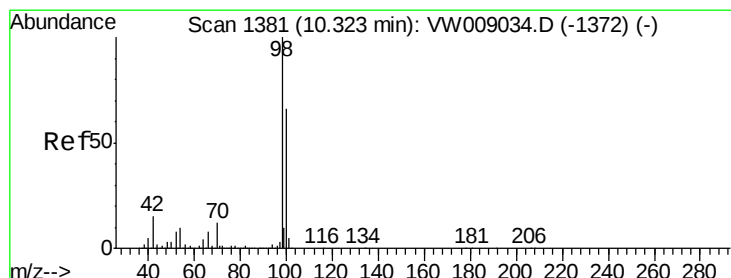
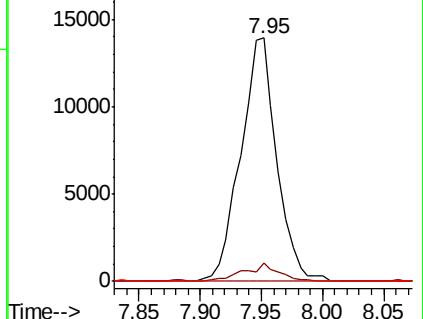
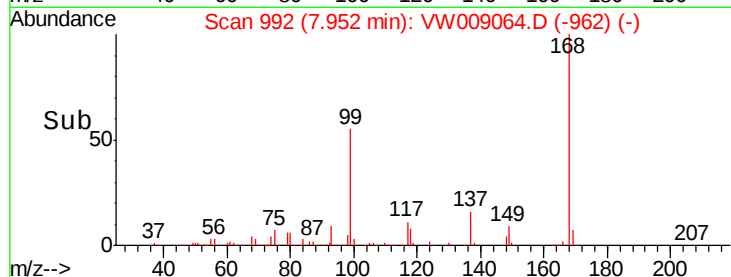
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.040 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009064.D

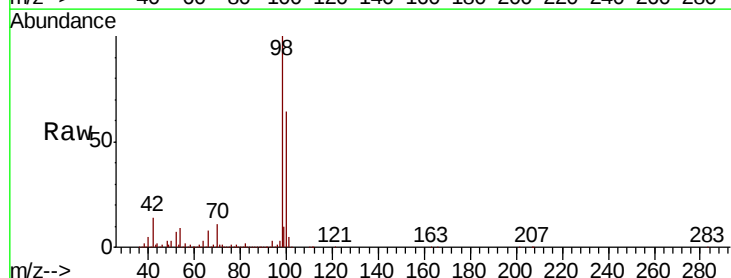
Acq: 08 Mar 2019 19:30

Tgt Ion: 98 Resp: 554688

Ion Ratio Lower Upper

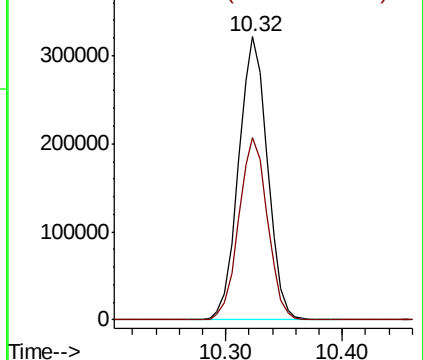
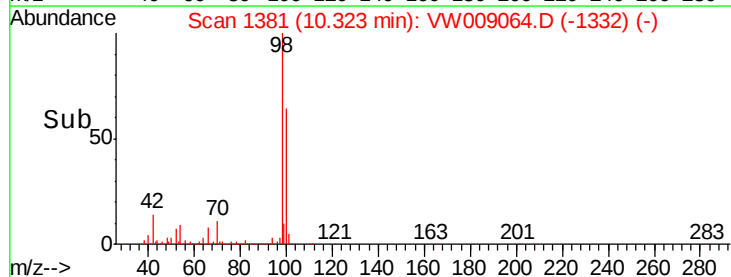
98 100

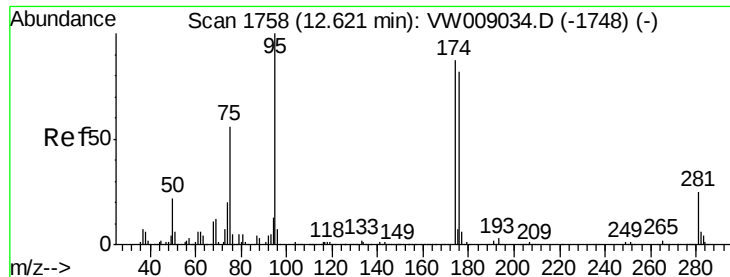
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

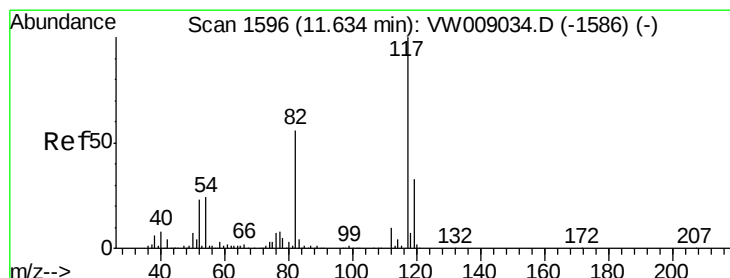
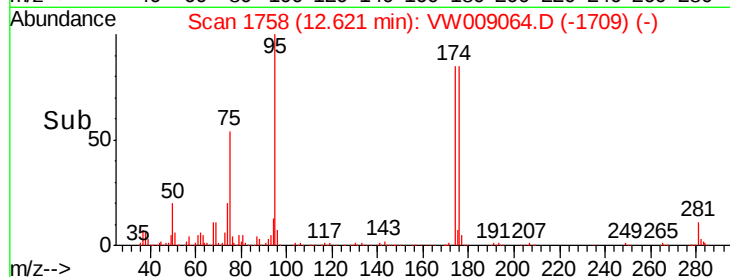
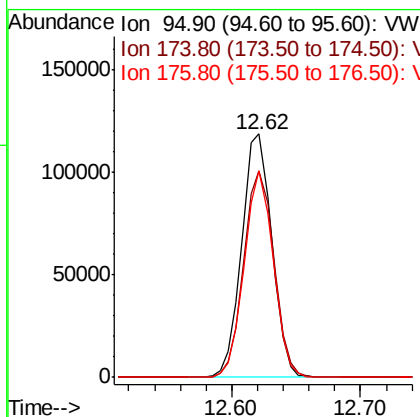
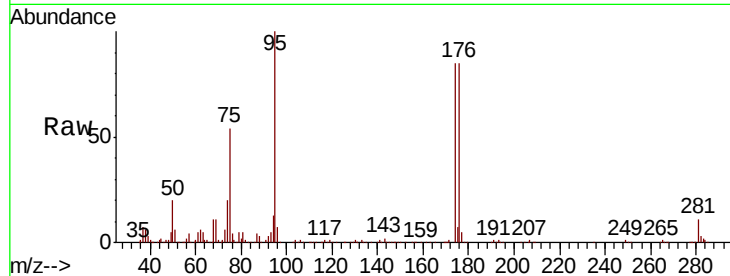




#62
4-Bromofluorobenzene
Concen: 43.032 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

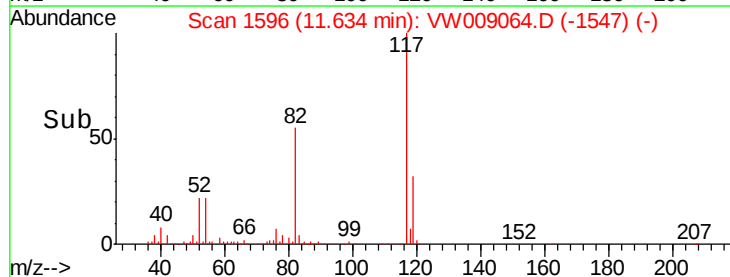
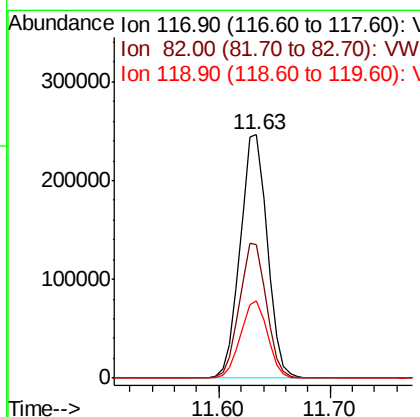
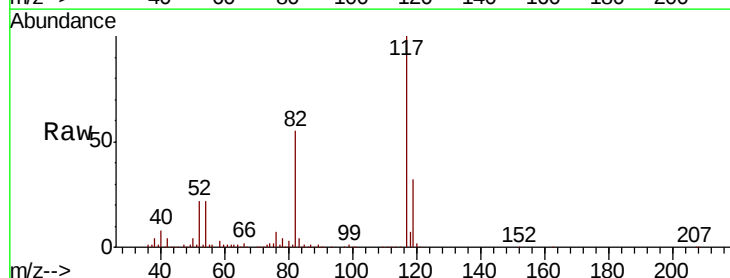
Instrument :
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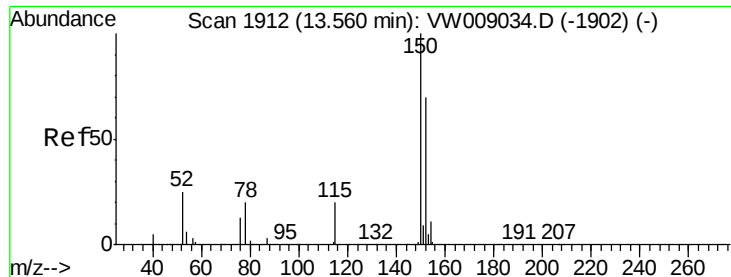
Tot Ion: 95 Resp: 191606
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.0
176 81.5 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

Tgt Ion: 117 Resp: 416841
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.6
119 31.7 26.6 39.8



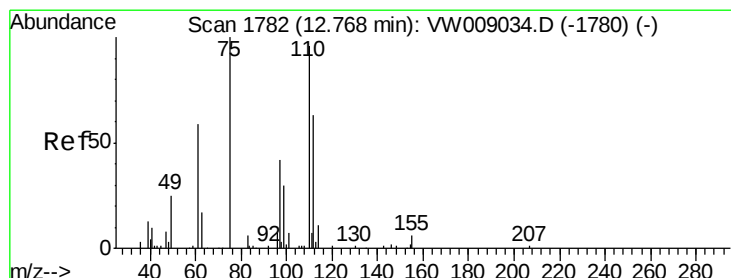
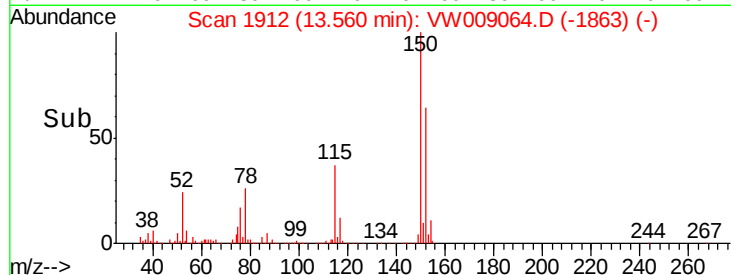
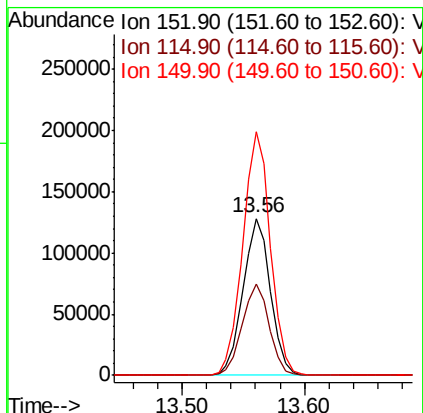
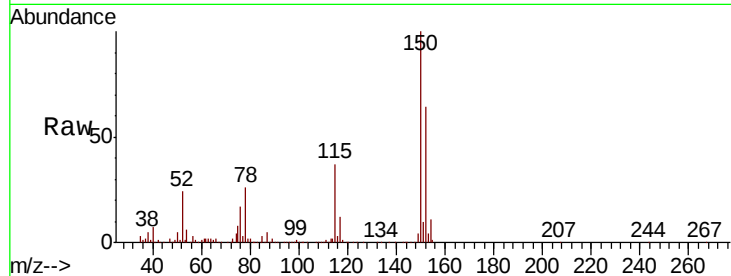


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampled :
TP-23

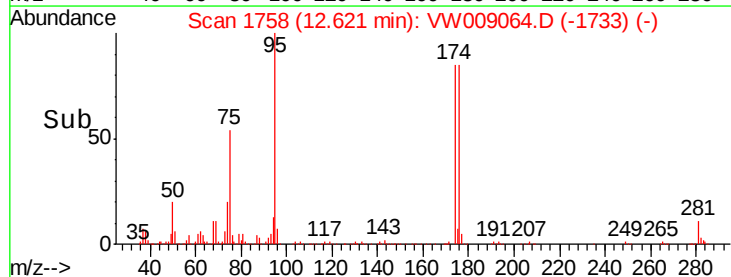
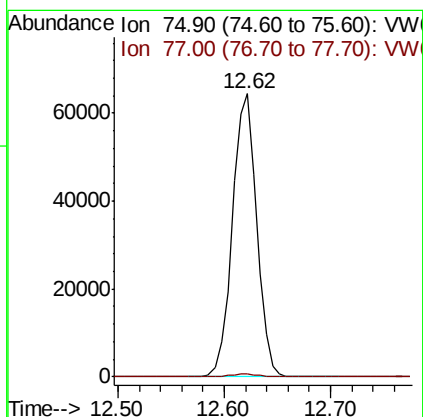
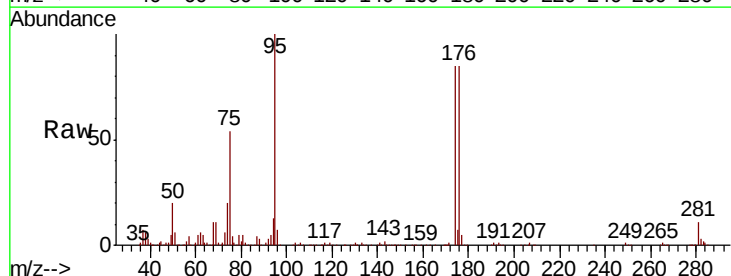
Tot Ion:152 Resp: 198491
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 156.3 0.0 349.2

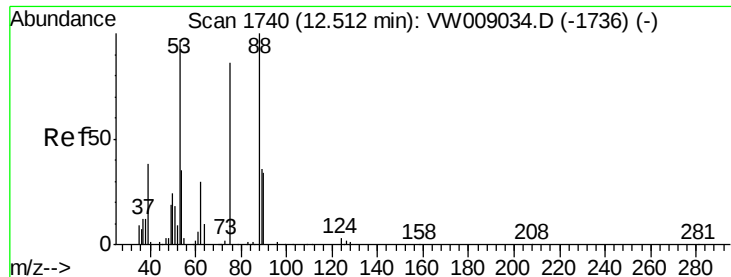


#76

1,2,3-Trichloropropane
Concen: 65.848 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW009064.D
Acq: 08 Mar 2019 19:30

Tgt Ion: 75 Resp: 103266
Ion Ratio Lower Upper
75 100
77 1.2 186.7 560.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 147.285 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009064.D

Acq: 08 Mar 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

TP-23

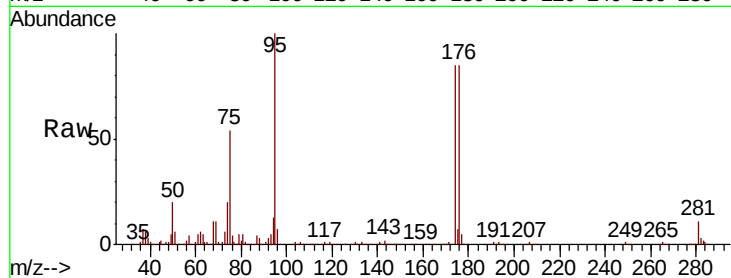
Tot Ion: 75 Resp: 103266

Ion Ratio Lower Upper

75 100

53 0.1 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

