

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010534.D
 Acq On : 23 May 2019 17:10
 Operator : SY/VA
 Sample : K2994-06RE
 Misc : 3.55G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

Quant Time: May 24 08:43:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	221064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64539	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	67044	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
35) Dibromofluoromethane	7.88	113	67797	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	10.32	98	266990	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.62	95	84920	41.60	ug/l	0.00
Spiked Amount			Recovery	=	83.20%	

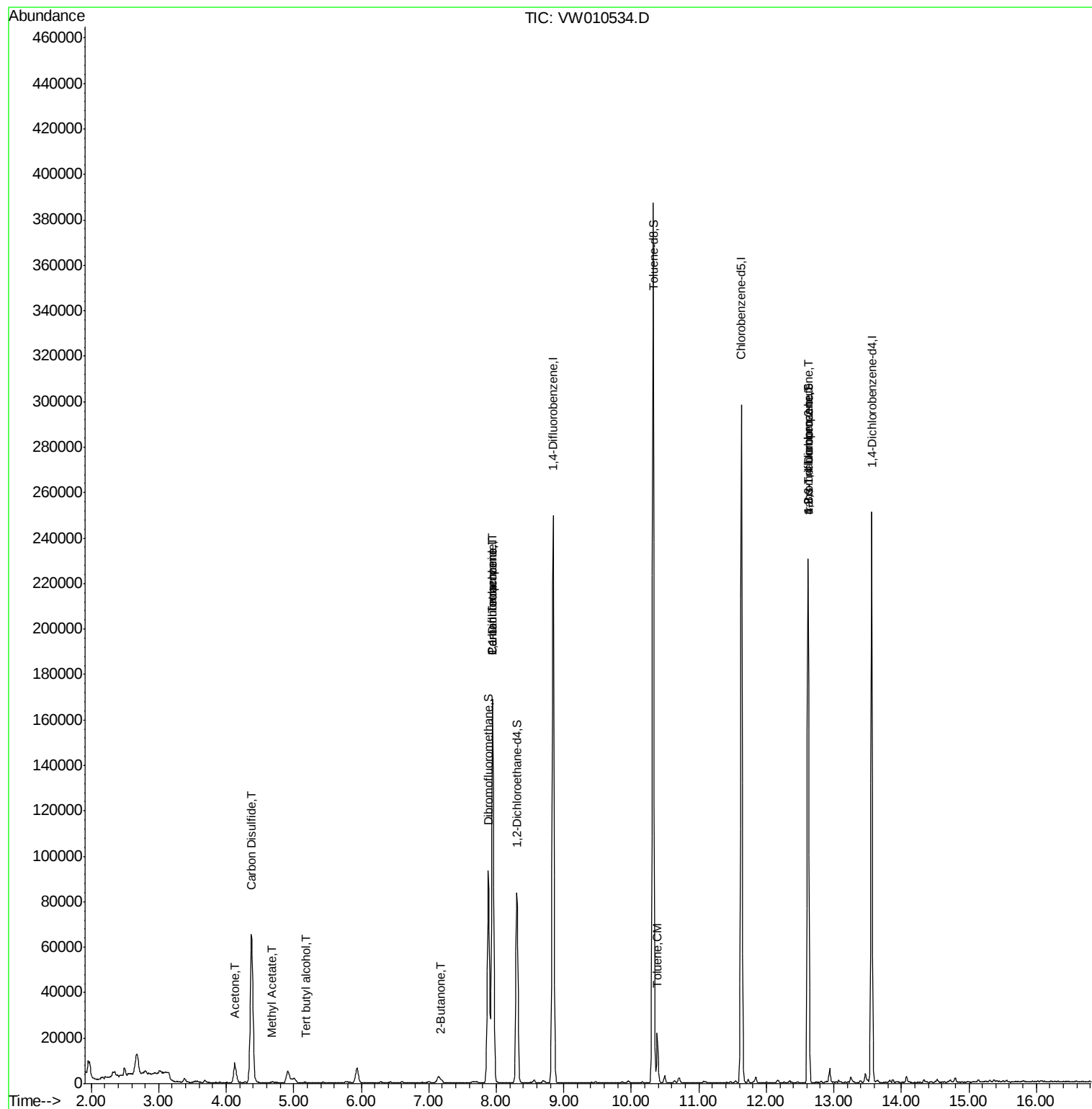
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	20	Below Cal	#	42
11) Tert butyl alcohol	5.18	59	564	4.893	ug/l #	71
13) Acrolein	3.91	56	179	Below Cal	#	78
16) Acetone	4.13	43	15003	57.355	ug/l	98
17) Carbon Disulfide	4.37	76	137650	35.190	ug/l	97
18) Methyl Acetate	4.67	43	786	1.229	ug/l #	48
20) Methylene Chloride	4.91	84	3969	Below Cal		95
25) 2-Butanone	7.18	43	1975	5.276	ug/l #	77
36) 1,1-Dichloropropene	7.95	75	9690	4.705	ug/l #	47
38) Carbon Tetrachloride	7.95	117	13607	6.125	ug/l #	14
52) Toluene	10.39	92	9219	2.398	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	40343	61.582	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40343	128.523	ug/l #	14

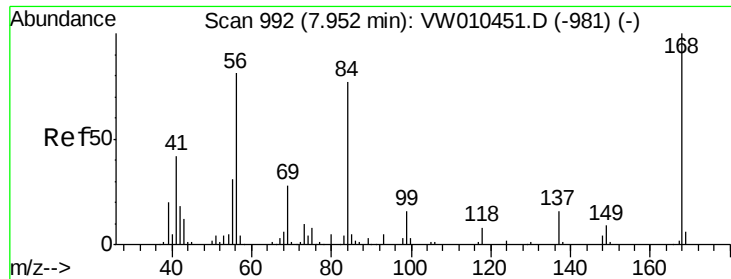
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052319\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010534.D

Acq: 23 May 2019 17:10

Instrument :

MSVOA_W

ClientSampleId :

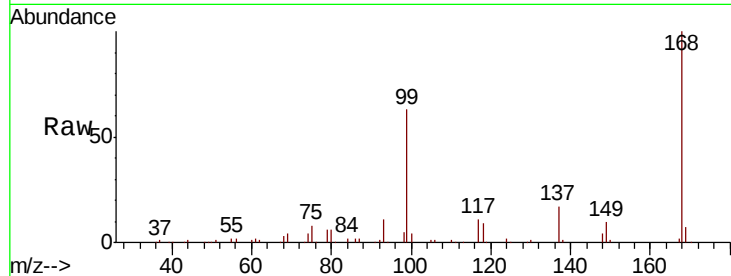
TP-8-D2

Tot Ion:168 Resp: 124156

Ion Ratio Lower Upper

168 100

99 62.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

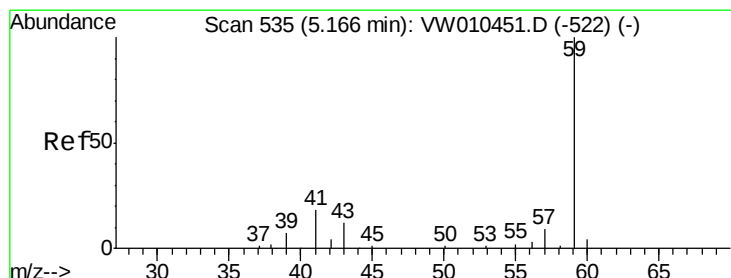
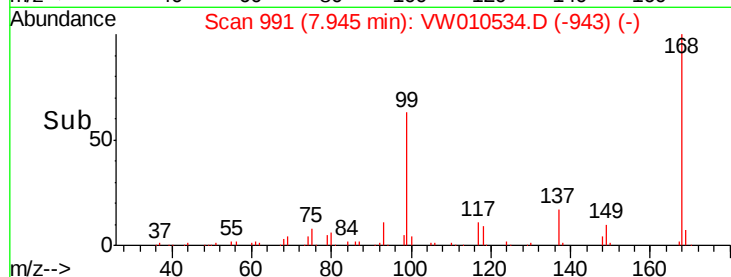
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.893 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010534.D

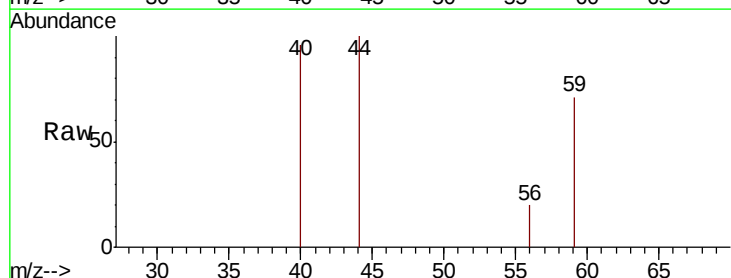
Acq: 23 May 2019 17:10

Tgt Ion: 59 Resp: 564

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

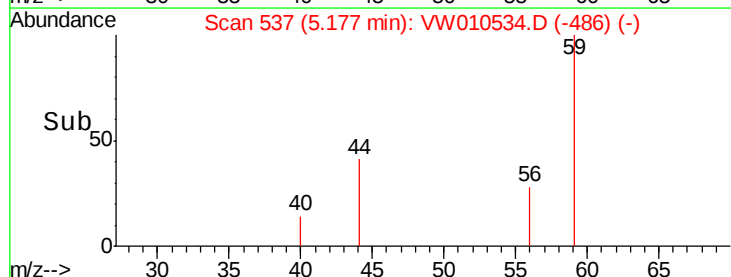
150

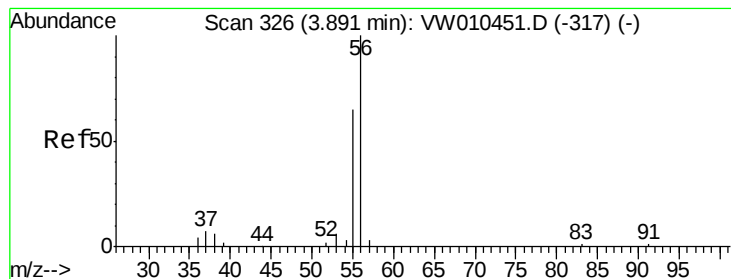
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW010534.D

Acq: 23 May 2019 17:10

Instrument :

MSVOA_W

ClientSampleId :

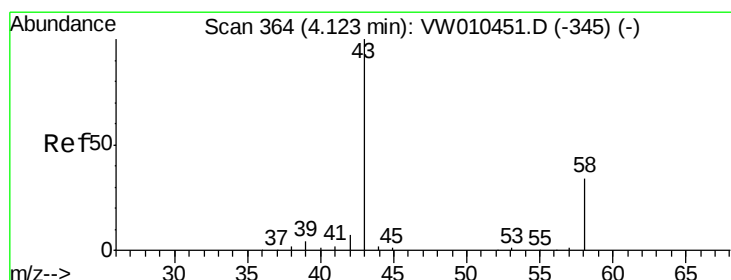
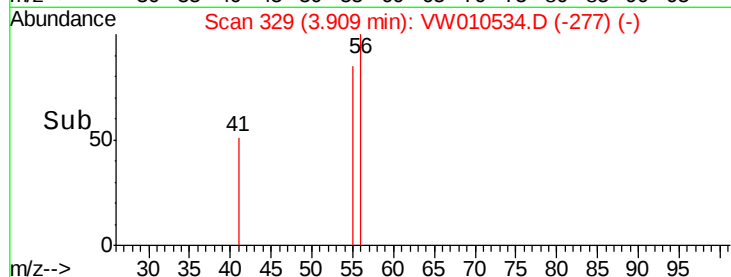
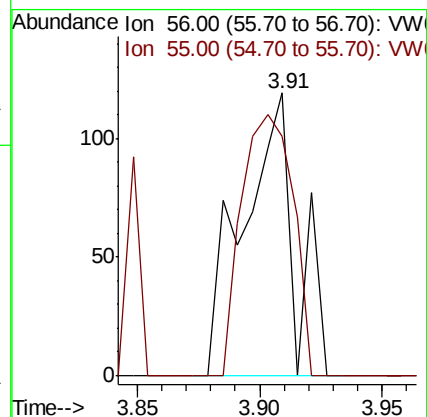
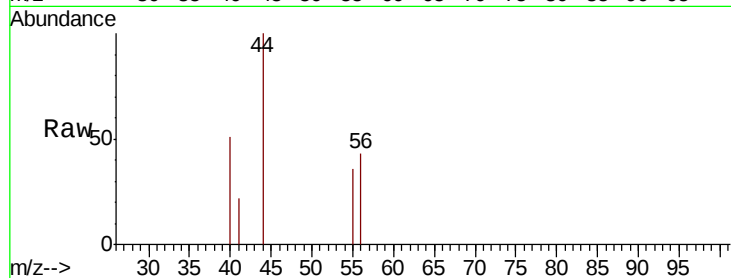
TP-8-D2

Tot Ion: 56 Resp: 179

Ion Ratio Lower Upper

56 100

55 90.5 57.9 86.9#



#16

Acetone

Concen: 57.355 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010534.D

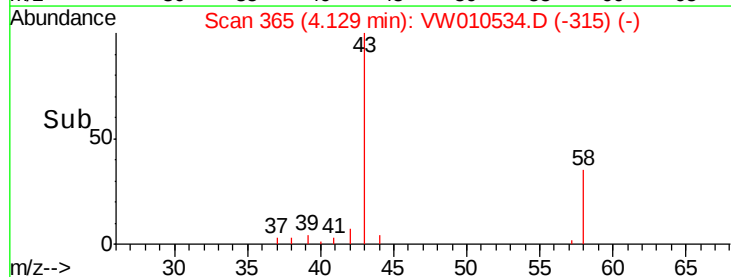
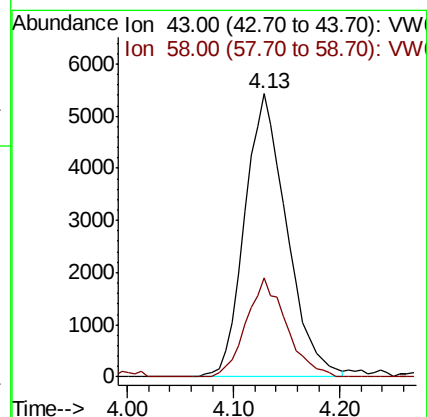
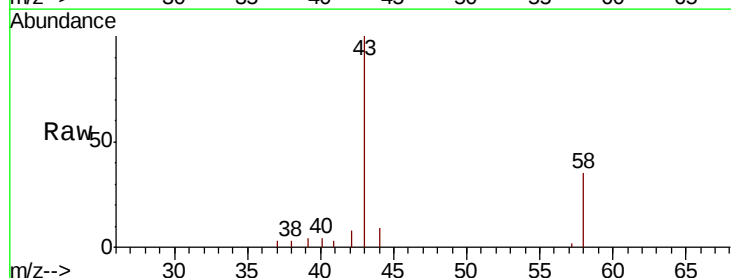
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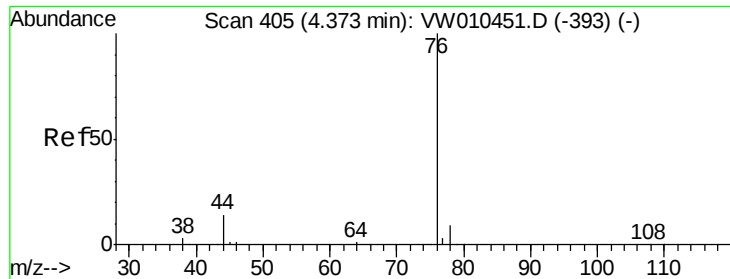
Tgt Ion: 43 Resp: 15003

Ion Ratio Lower Upper

43 100

58 35.1 27.0 40.4

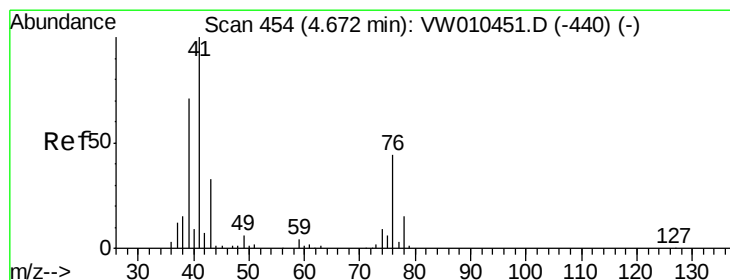
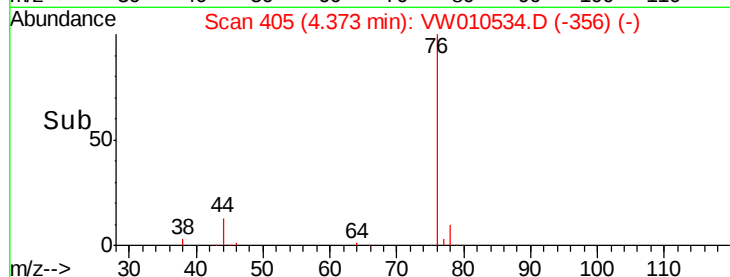
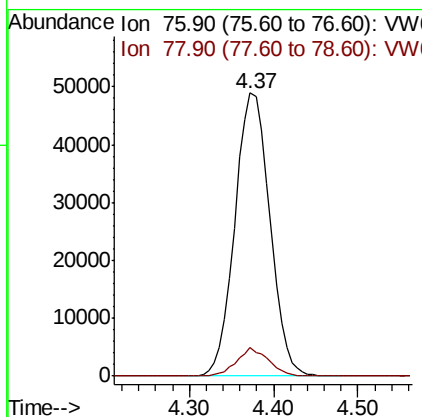
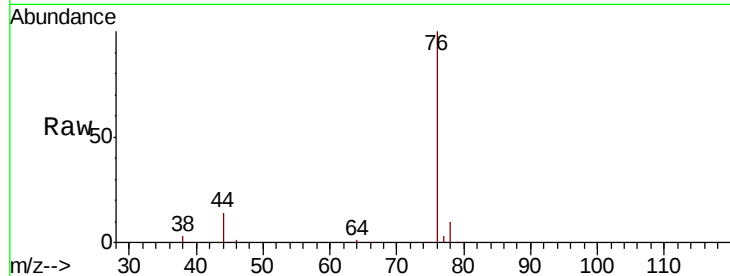




#17
Carbon Disulfide
Concen: 35.190 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

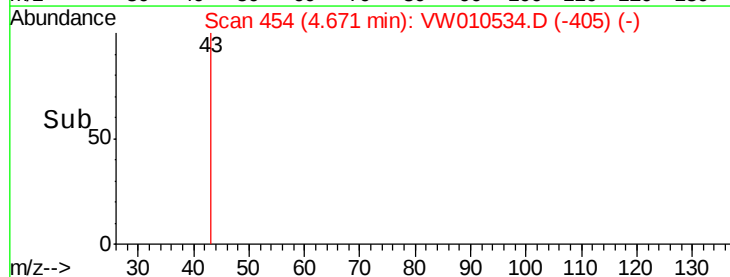
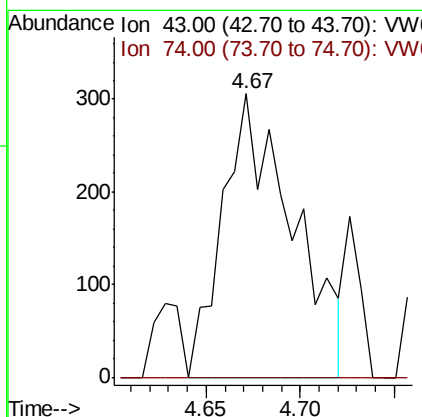
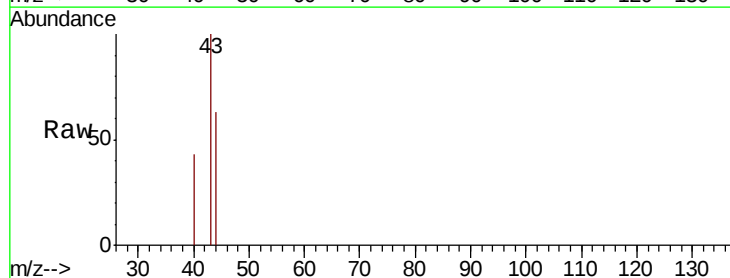
Instrument :
MSVOA_W
ClientSampled :
TP-8-D2

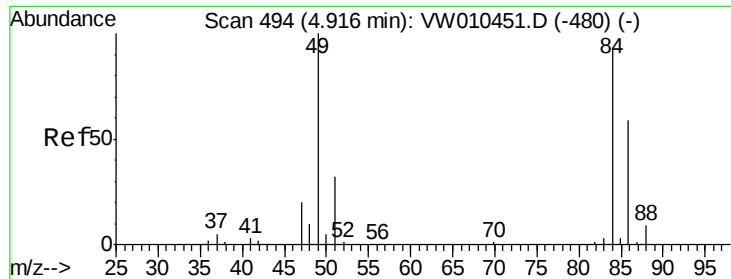
Tot Ion: 76 Resp: 137650
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7



#18
Methyl Acetate
Concen: 1.229 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

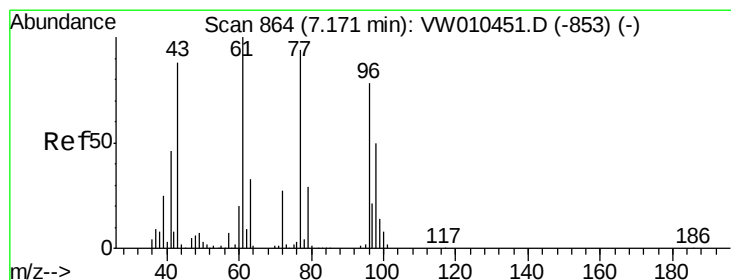
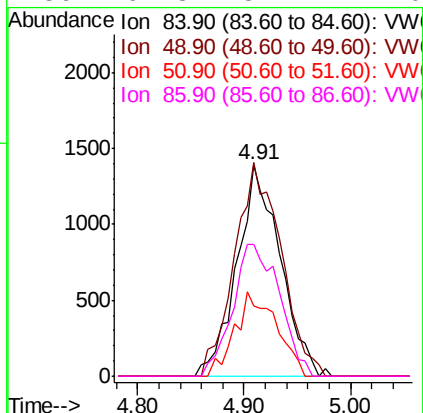
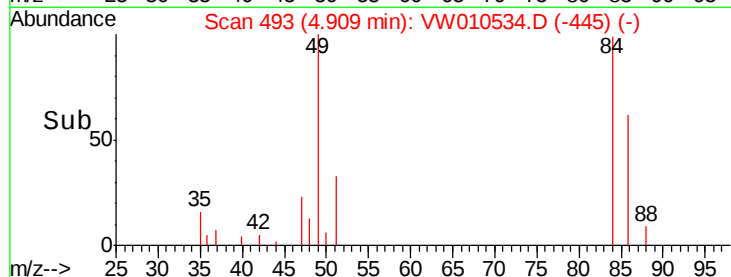
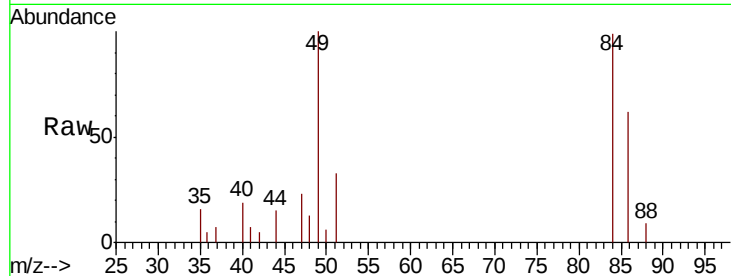




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

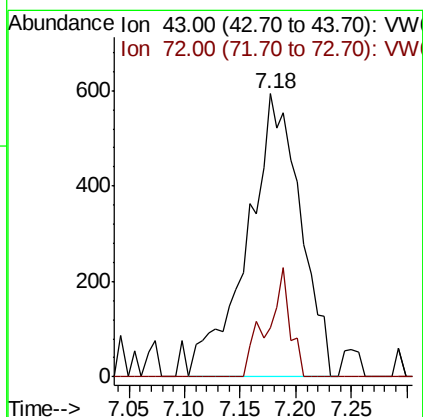
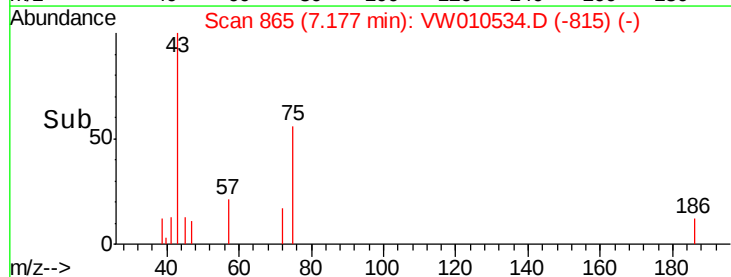
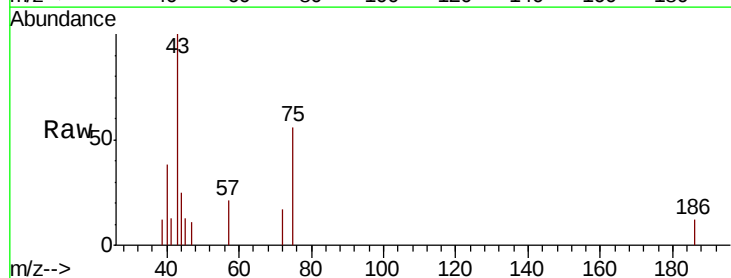
Instrument :
MSVOA_W
ClientSampleId :
TP-8-D2

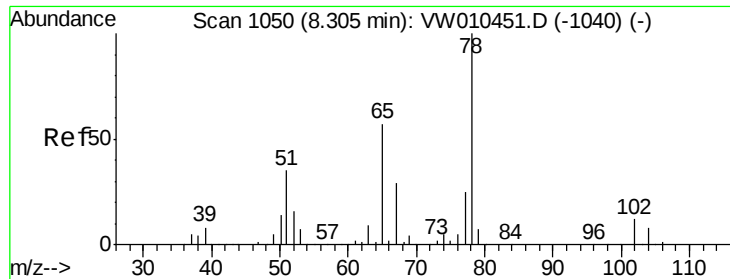
Tot Ion: 84 Resp: 3969
Ion Ratio Lower Upper
84 100
49 100.9 87.2 130.8
51 33.1 27.7 41.5
86 62.3 51.4 77.0



#25
2-Butanone
Concen: 5.276 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
72 17.4 24.1 36.1#

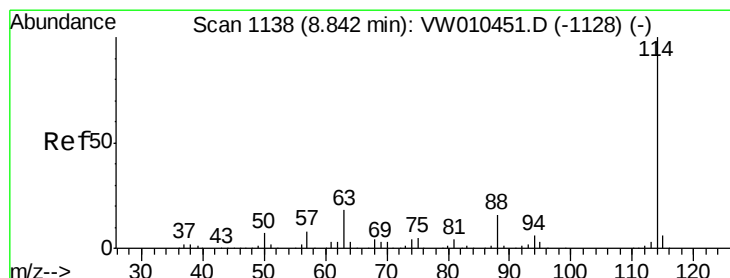
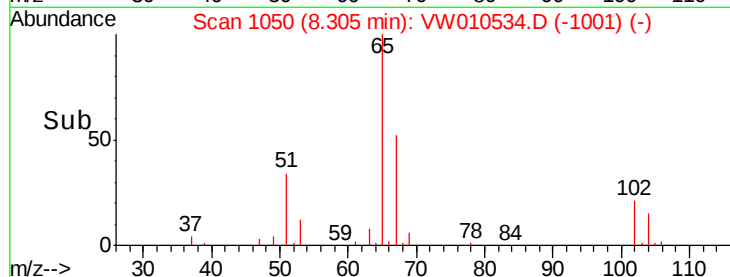
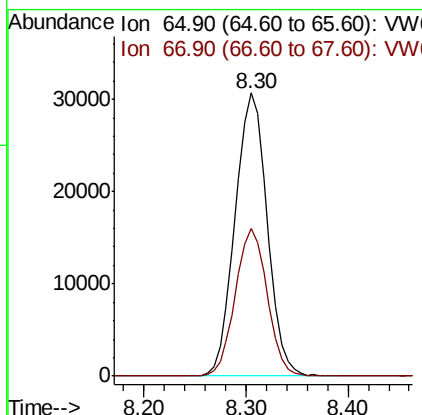
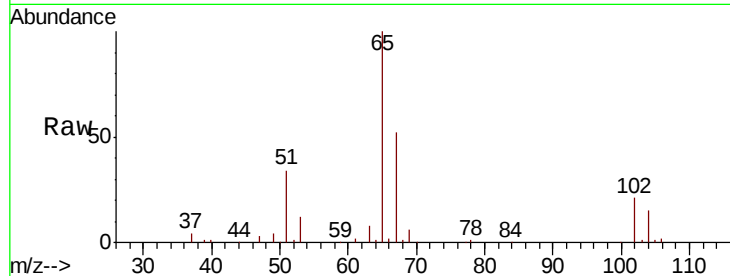




#33
 1,2-Dichloroethane-d4
 Concen: 52.317 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010534.D
 Acq: 23 May 2019 17:10

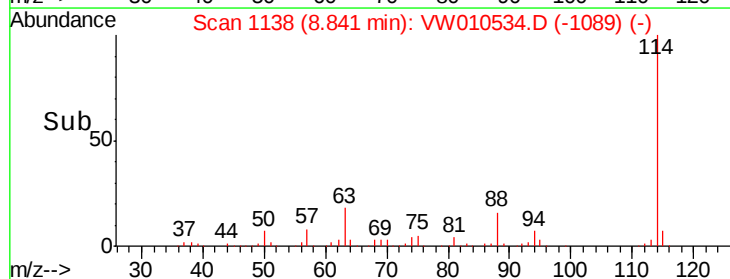
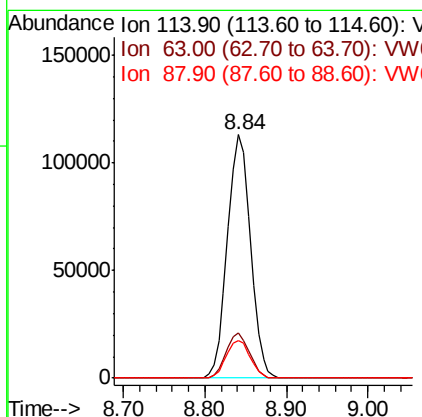
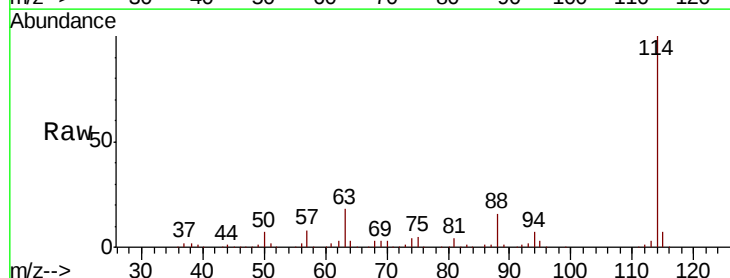
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-D2

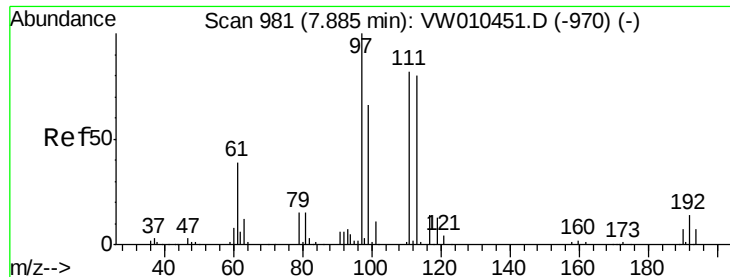
Tot Ion: 65 Resp: 67044
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010534.D
 Acq: 23 May 2019 17:10

Tgt Ion: 114 Resp: 221064
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 15.6 0.0 32.0

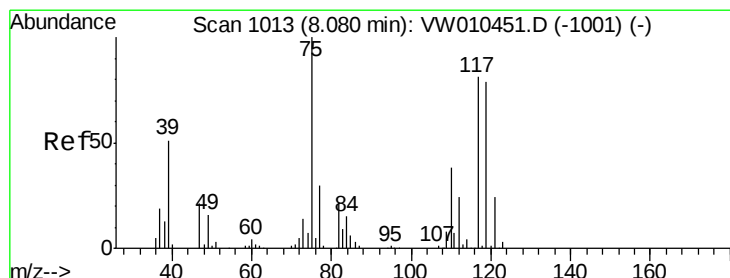
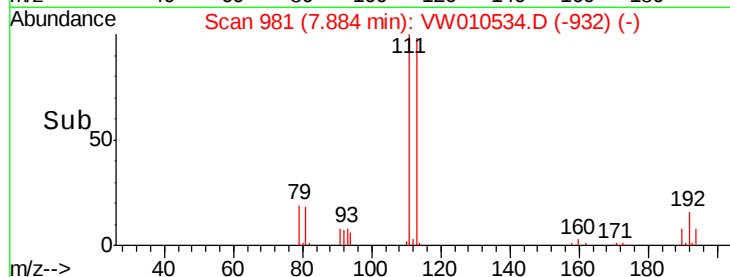
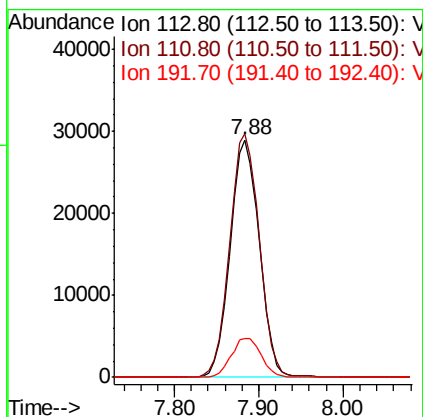
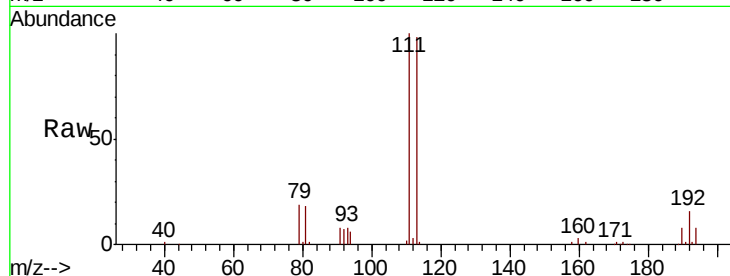




#35
 Dibromofluoromethane
 Concen: 50.543 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010534.D
 Acq: 23 May 2019 17:10

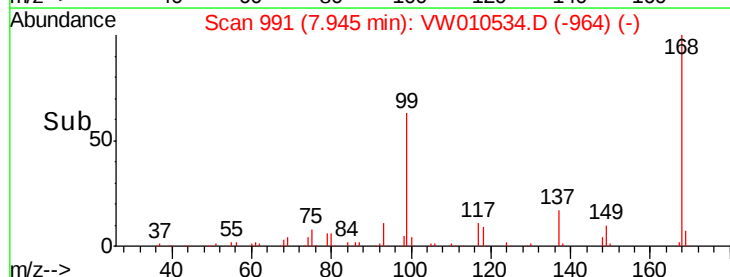
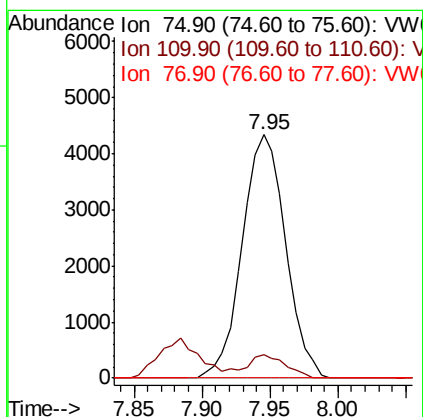
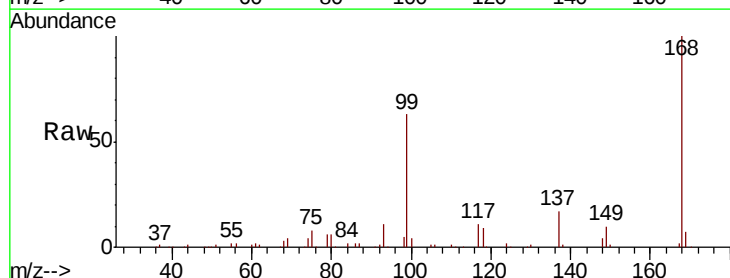
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 TP-8-D2

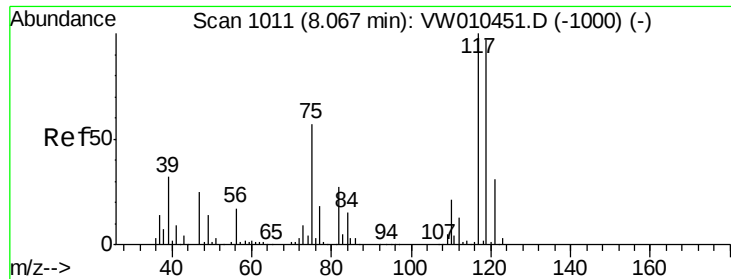
Tot Ion:113 Resp: 67797
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 17.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.705 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010534.D
 Acq: 23 May 2019 17:10

Tgt Ion: 75 Resp: 9690
 Ion Ratio Lower Upper
 75 100
 110 7.9 19.2 57.6#
 77 0.0 25.2 37.8#

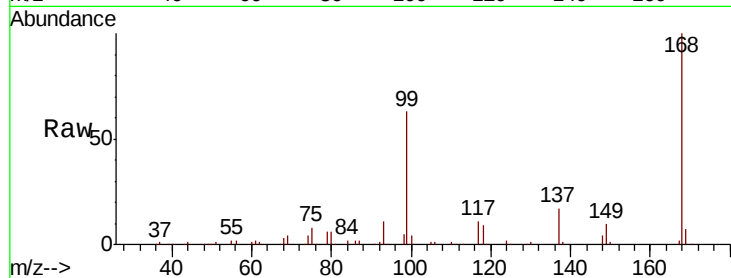




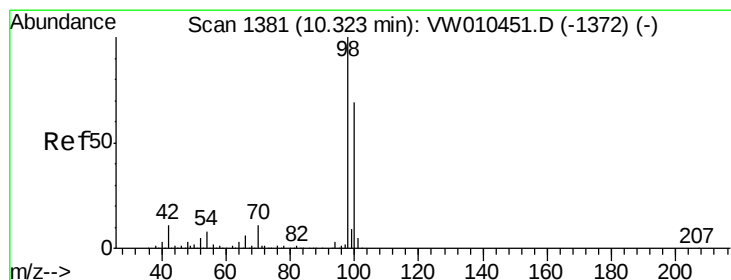
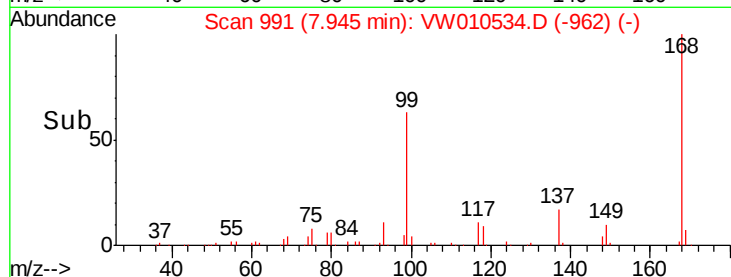
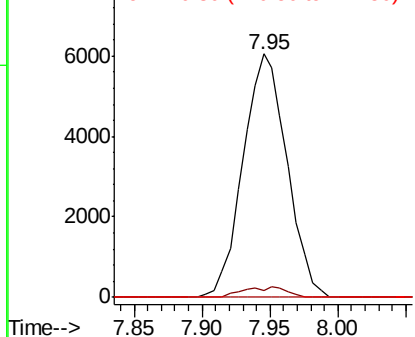
#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

Instrument :
MSVOA_W
ClientSampled :
TP-8-D2

Tot Ion:117 Resp: 13607
Ion Ratio Lower Upper
117 100
119 2.7 77.4 116.0#
121 0.0 25.0 37.6#

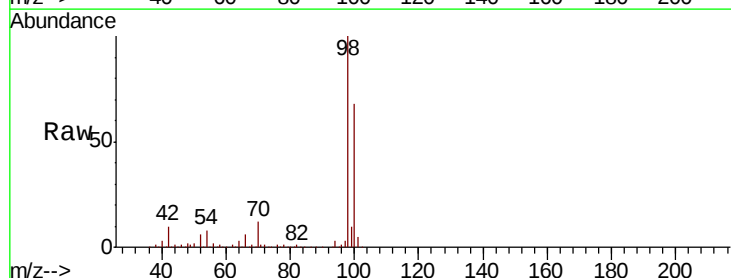


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

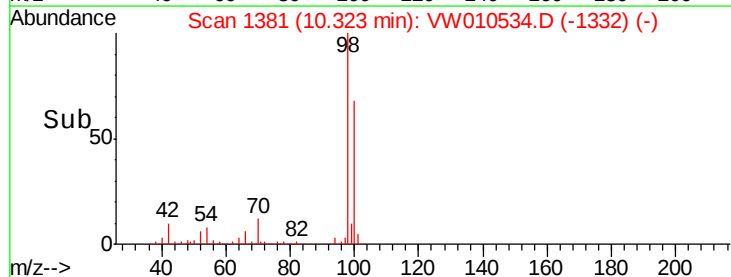
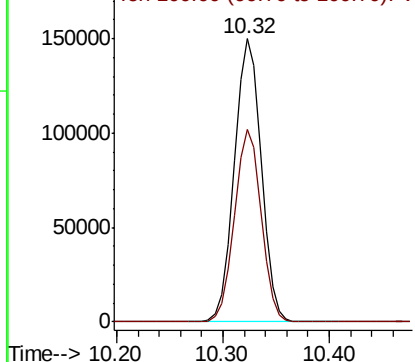


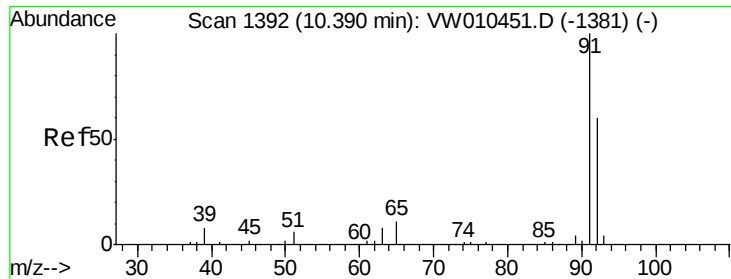
#50
Toluene-d8
Concen: 52.102 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

Tgt Ion: 98 Resp: 266990
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.398 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010534.D

Acq: 23 May 2019 17:10

Instrument :

MSVOA_W

ClientSampled :

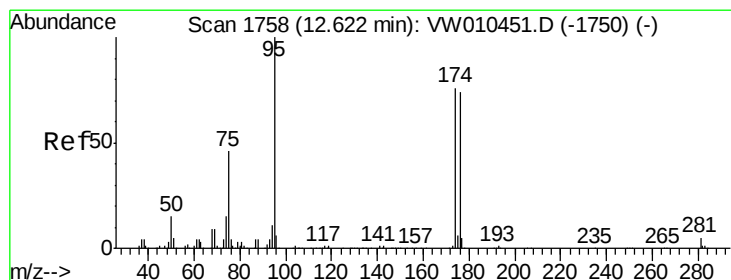
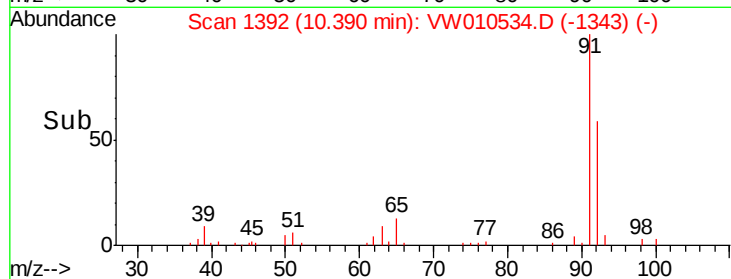
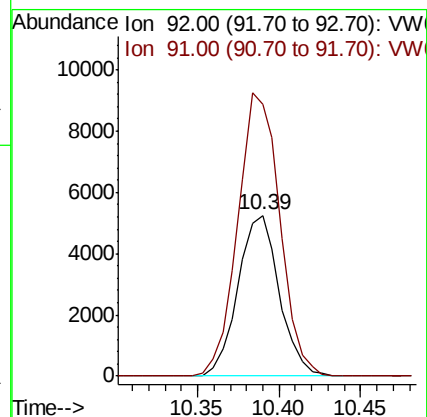
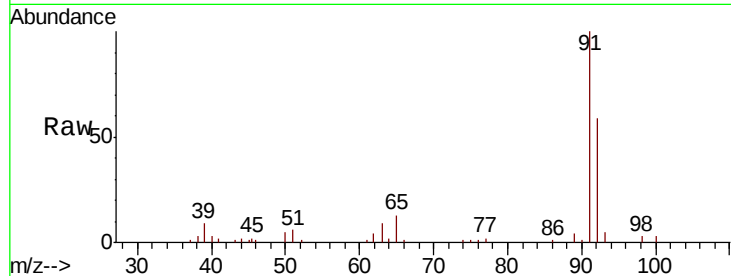
TP-8-D2

Tot Ion: 92 Resp: 9219

Ion Ratio Lower Upper

92 100

91 179.8 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 41.605 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010534.D

Acq: 23 May 2019 17:10

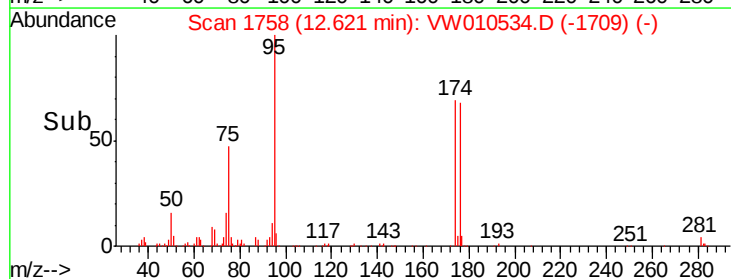
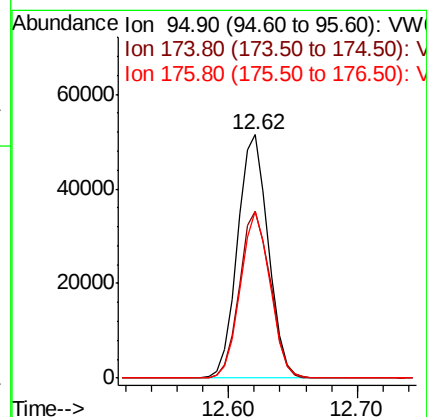
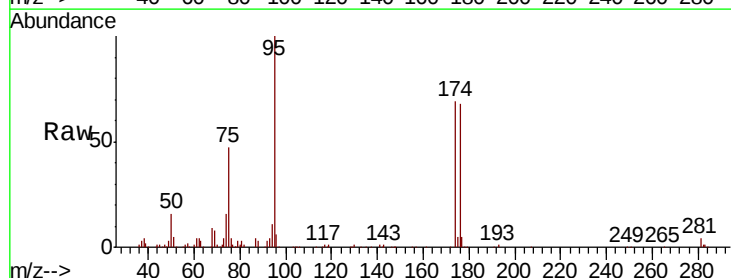
Tgt Ion: 95 Resp: 84920

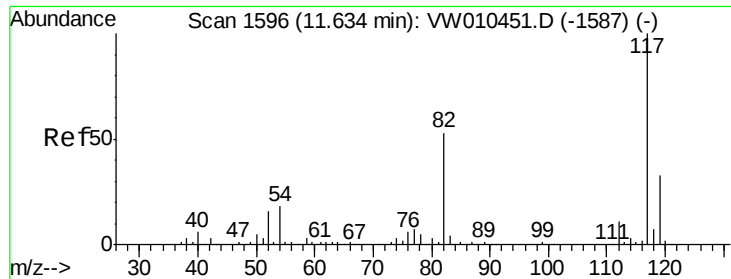
Ion Ratio Lower Upper

95 100

174 68.6 0.0 148.6

176 66.2 0.0 144.2

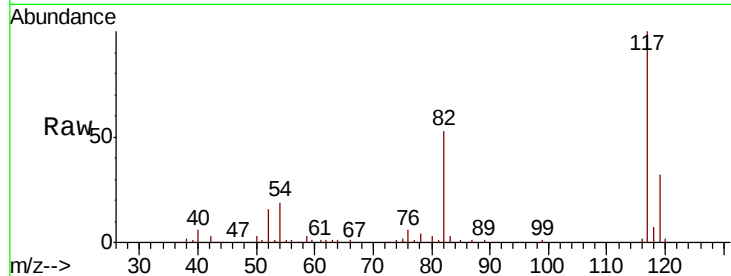




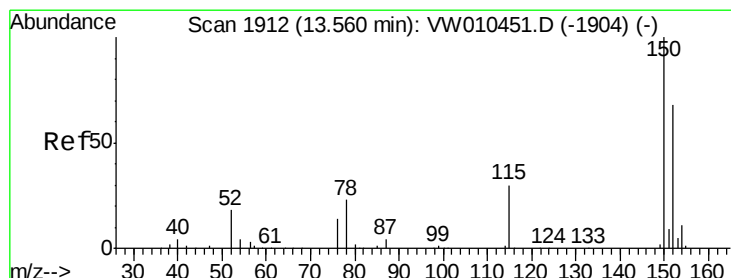
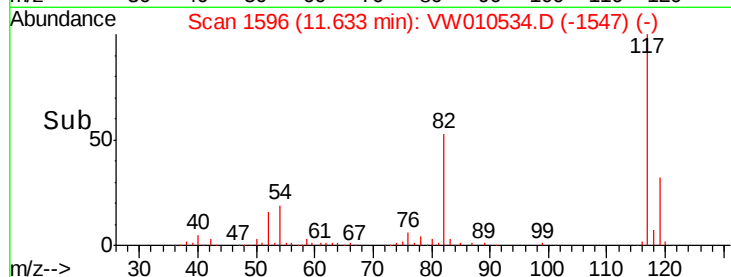
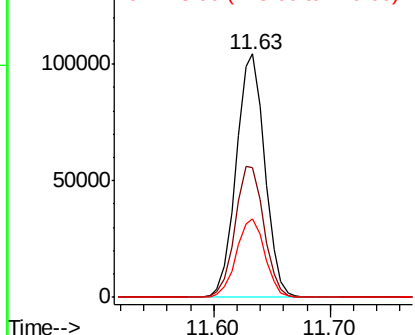
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

Instrument :
MSVOA_W
ClientSampled :
TP-8-D2

Tot Ion:117 Resp: 178324
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.5 26.3 39.5

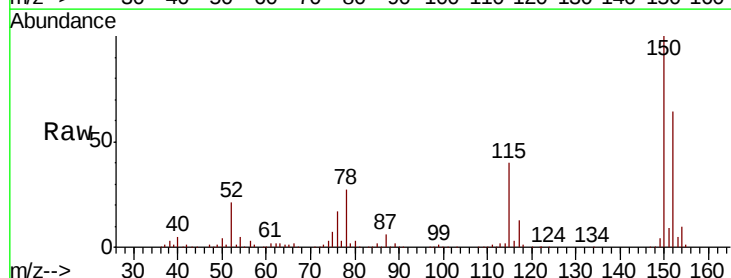


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

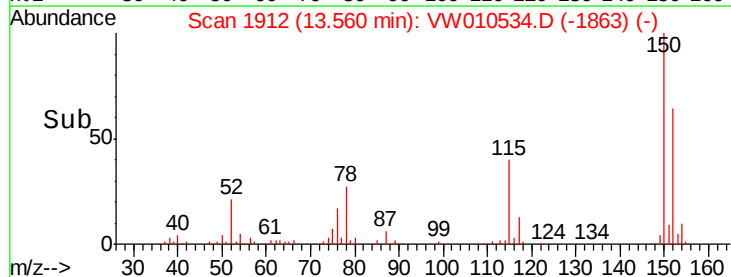
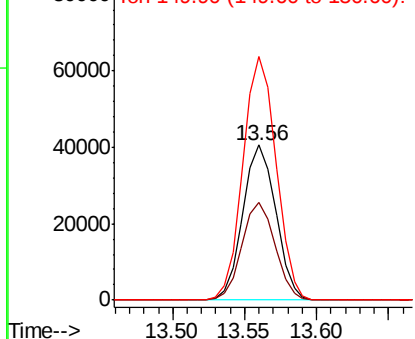


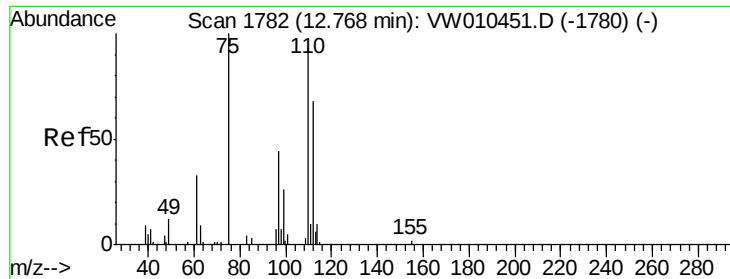
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010534.D
Acq: 23 May 2019 17:10

Tgt Ion:152 Resp: 64539
Ion Ratio Lower Upper
152 100
115 63.1 30.3 91.0
150 157.8 0.0 349.8



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

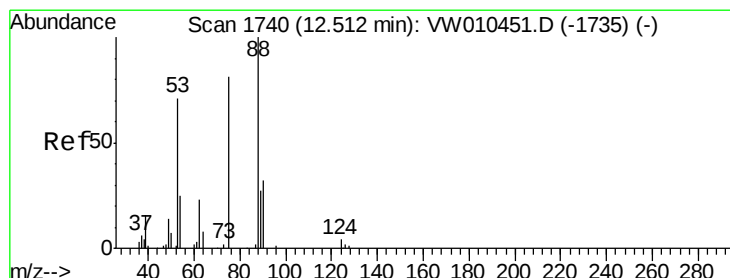
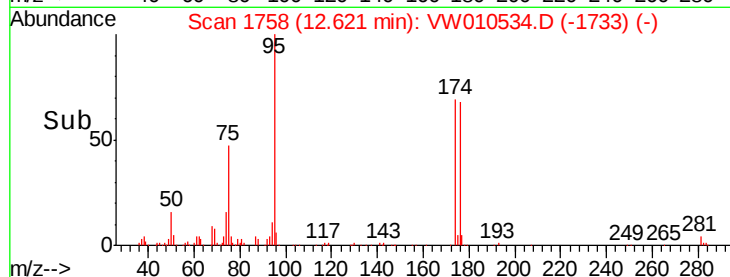
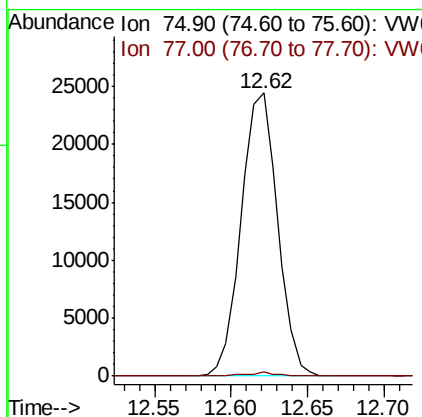
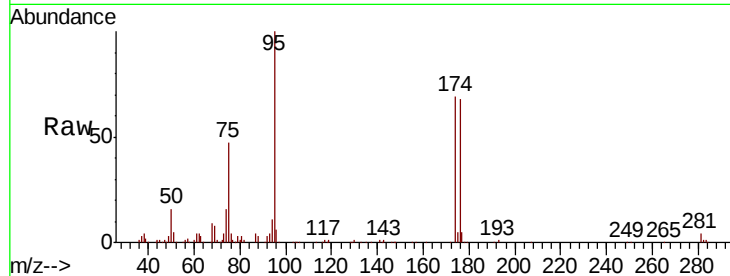




#76
 1,2,3-Trichloropropane
 Concen: 61.582 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010534.D
 Acq: 23 May 2019 17:10

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-D2

Tot Ion: 75 Resp: 40343
 Ion Ratio Lower Upper
 75 100
 77 1.0 170.0 510.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.523 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010534.D
 Acq: 23 May 2019 17:10

Tgt Ion: 75 Resp: 40343
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.8#
 89 0.0 39.5 59.3#

