

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008034.D
 Acq On : 03 Jan 2019 21:12
 Operator : SY/AP
 Sample : K1017-13RE
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jan 04 00:34:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	79111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	26763	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	40022	56.38	ug/l	0.00
Spiked Amount	50.000			Recovery	=	112.76%	
35) Dibromofluoromethane		7.88	113	35121	51.47	ug/l	0.00
Spiked Amount	50.000			Recovery	=	102.94%	
50) Toluene-d8		10.32	98	124680	48.71	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene		12.62	95	34211	34.85	ug/l	0.00
Spiked Amount	50.000			Recovery	=	69.70%	

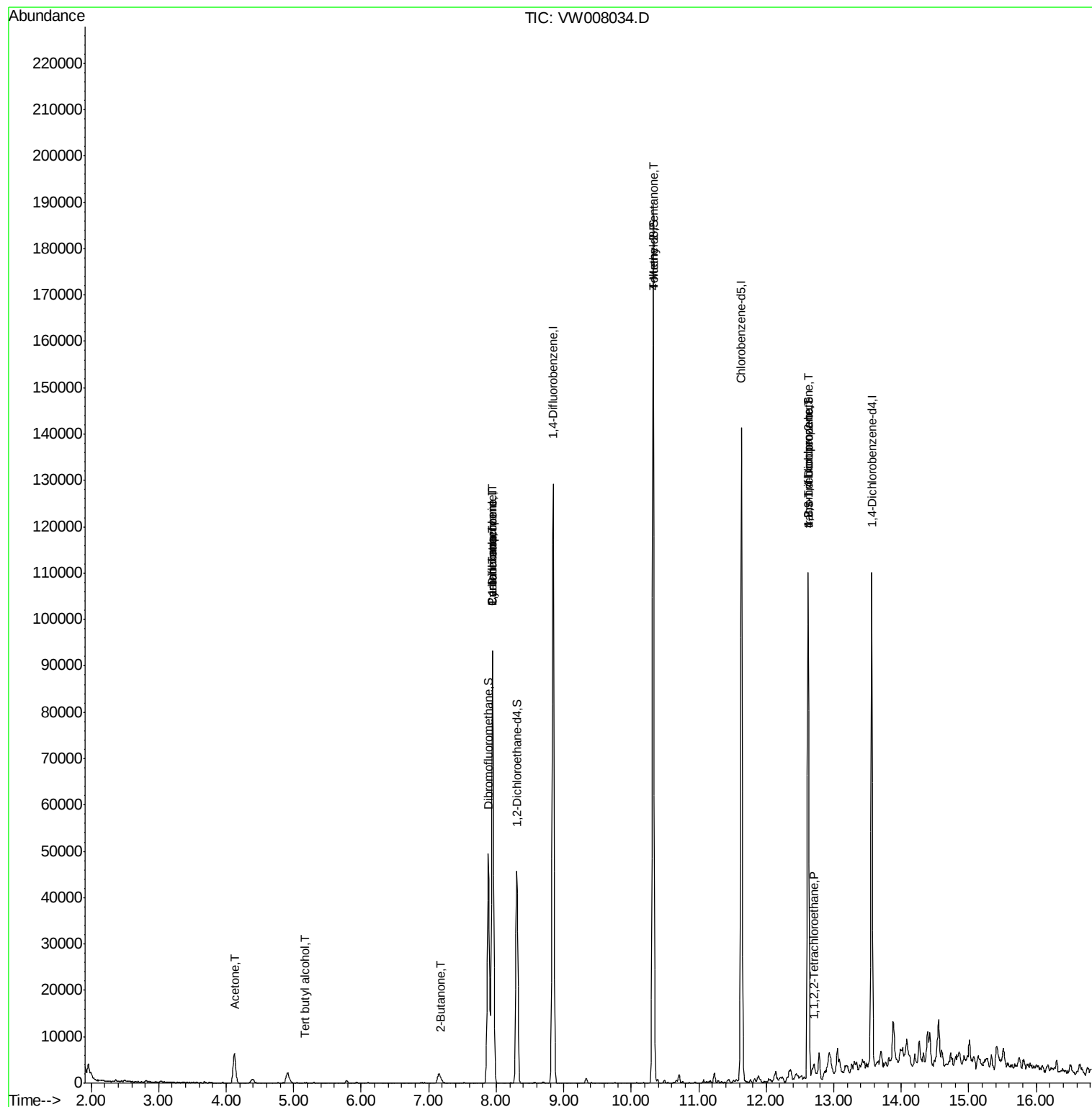
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	179	3.881	ug/l #	71
16) Acetone	4.12	43	11178	101.726	ug/l	95
25) 2-Butanone	7.18	43	1682	12.992	ug/l	89
31) Cyclohexane	7.95	56	1645	1.516	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	5071	4.750	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7216	5.640	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	667	2.249	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.71	83	317	1.171	ug/l #	30
76) 1,2,3-Trichloropropane	12.62	75	19410	91.164	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	19410	215.589	ug/l #	6

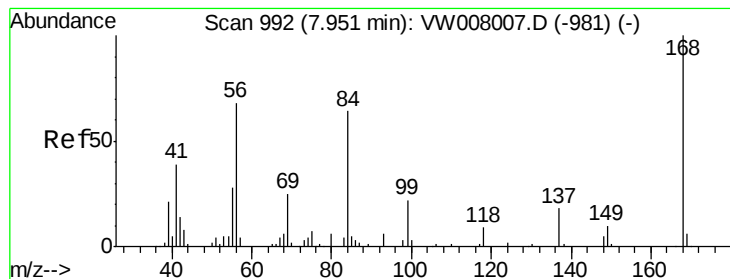
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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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: VW008034.D

Acq: 03 Jan 2019 21:12

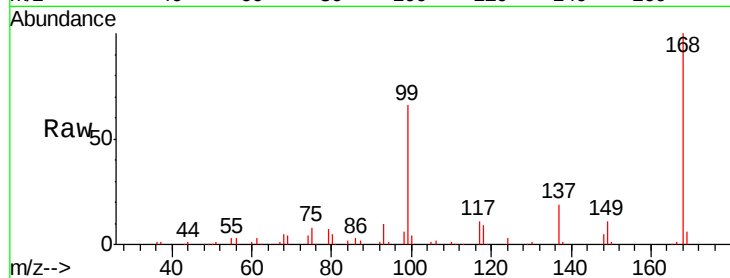
Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tgt Ion:168 Resp: 64179

Ion Ratio Lower Upper

168 100

99 65.5 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

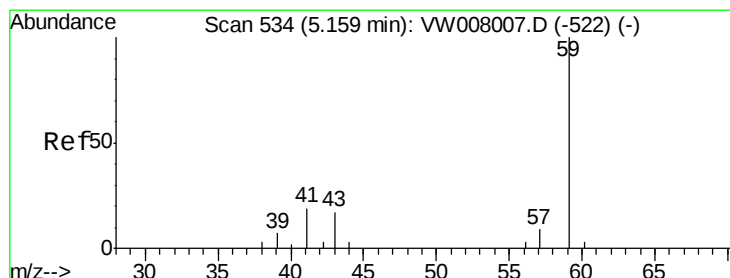
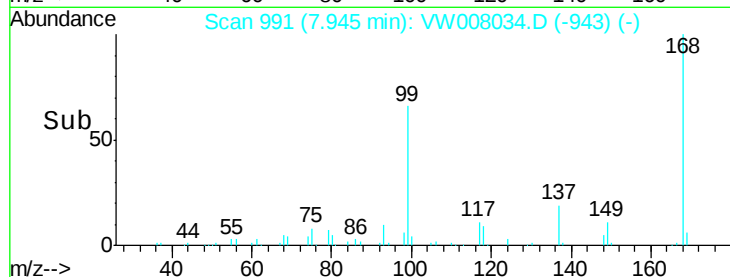
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 3.881 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW008034.D

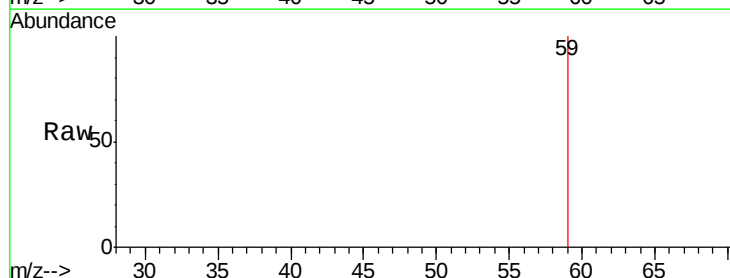
Acq: 03 Jan 2019 21:12

Tgt Ion: 59 Resp: 179

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

120

100

80

60

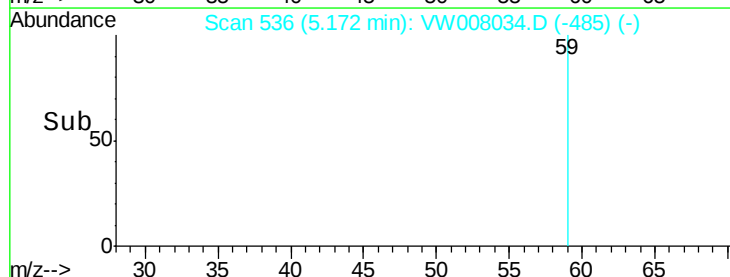
40

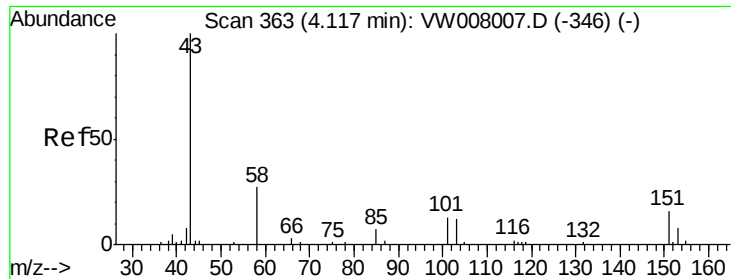
20

0

Time-->

5.15 5.20





#16

Acetone

Concen: 101.726 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008034.D

Acq: 03 Jan 2019 21:12

Instrument :

MSVOA_W

ClientSampled :

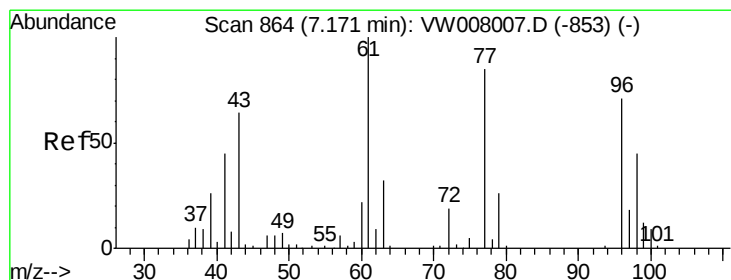
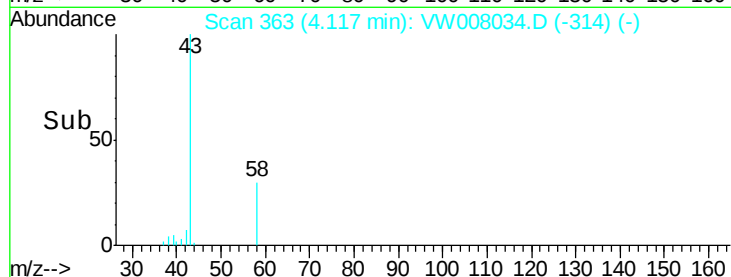
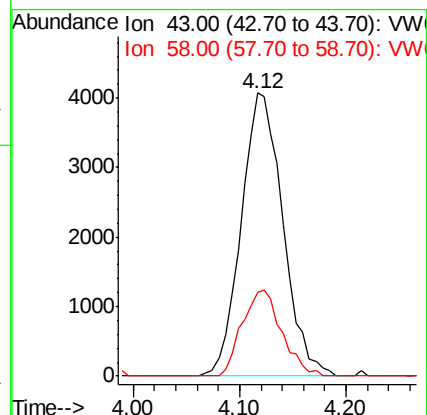
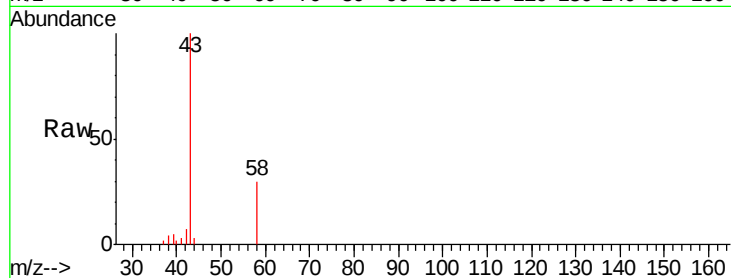
TP-4

Tgt Ion: 43 Resp: 11178

Ion Ratio Lower Upper

43 100

58 29.7 21.7 32.5



#25

2-Butanone

Concen: 12.992 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008034.D

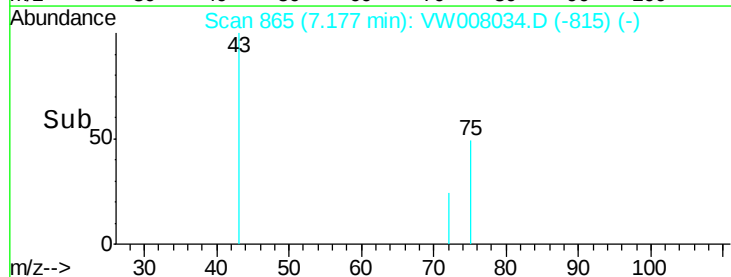
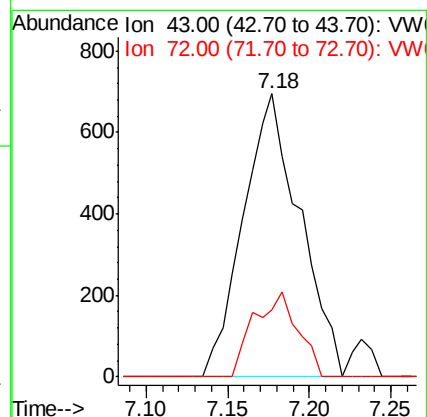
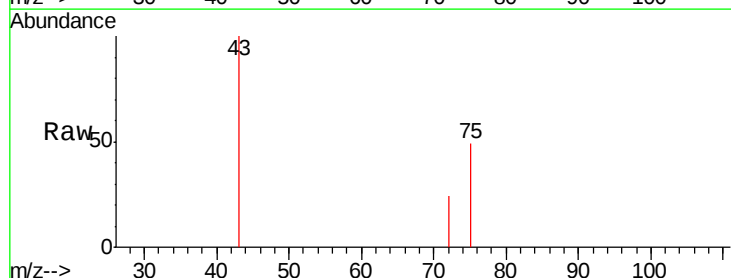
Acq: 03 Jan 2019 21:12

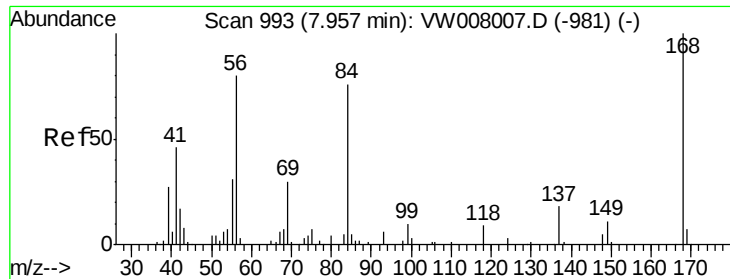
Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

43 100

72 23.9 23.8 35.8

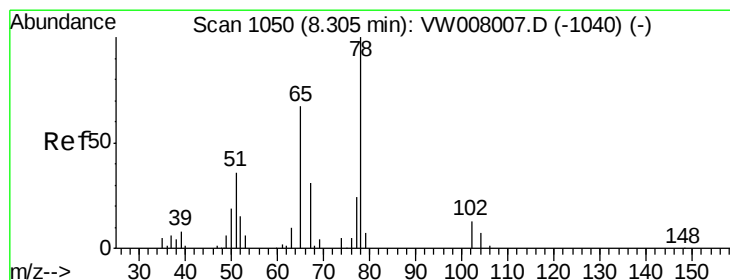
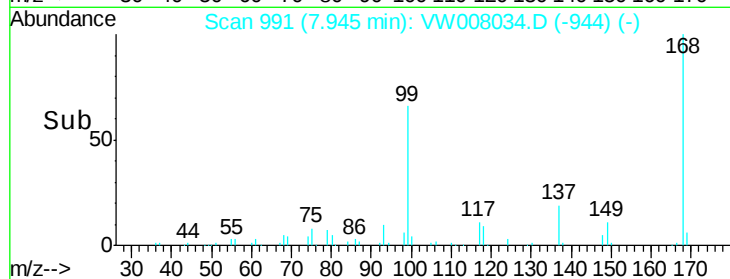
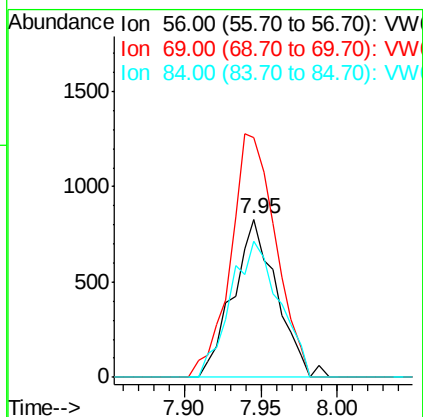
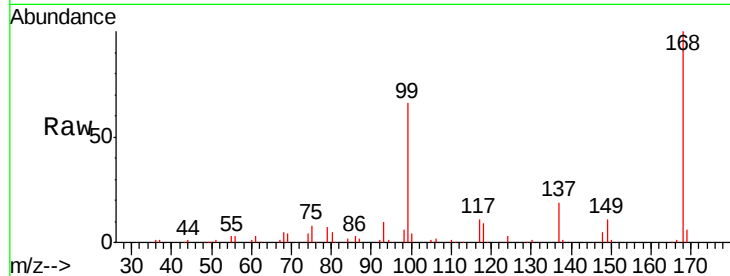




#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

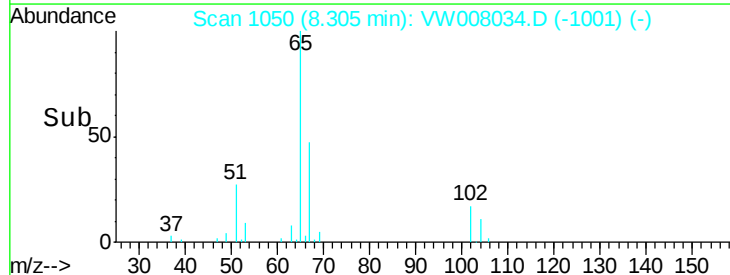
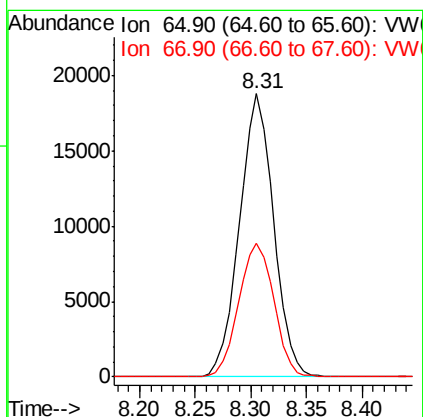
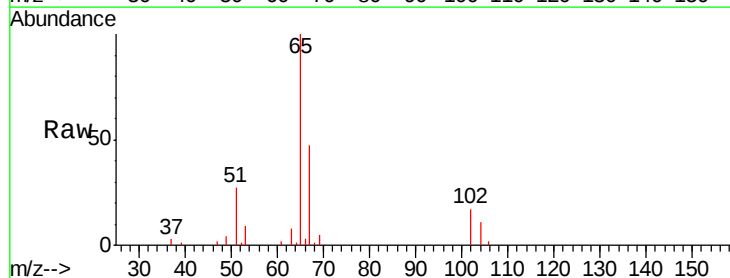
Instrument :
MSVOA_W
ClientSampled :
TP-4

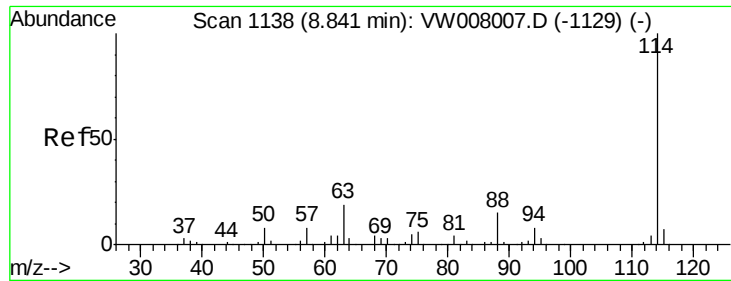
Tgt Ion: 56 Resp: 1645
Ion Ratio Lower Upper
56 100
69 152.0 29.8 44.6#
84 86.1 75.2 112.8



#33
1,2-Dichloroethane-d4
Concen: 56.380 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

Tgt Ion: 65 Resp: 40022
Ion Ratio Lower Upper
65 100
67 48.6 0.0 94.8

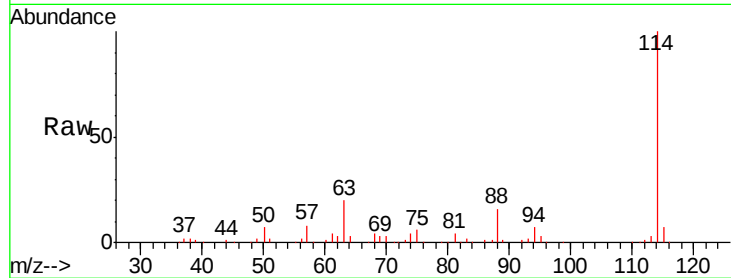




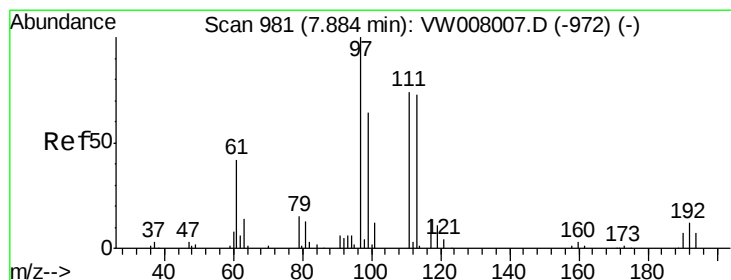
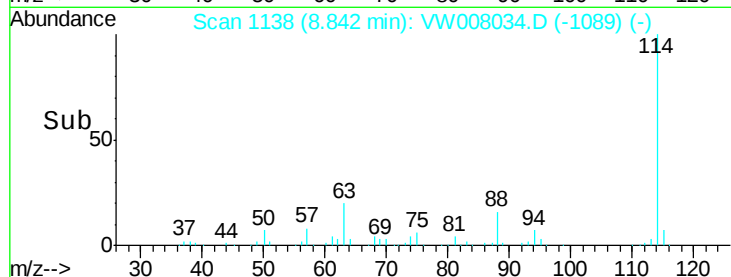
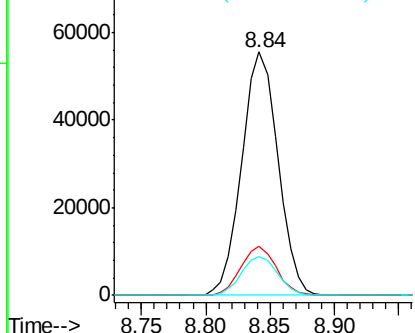
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tgt Ion:114 Resp: 108232
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.8
88 16.1 0.0 31.0

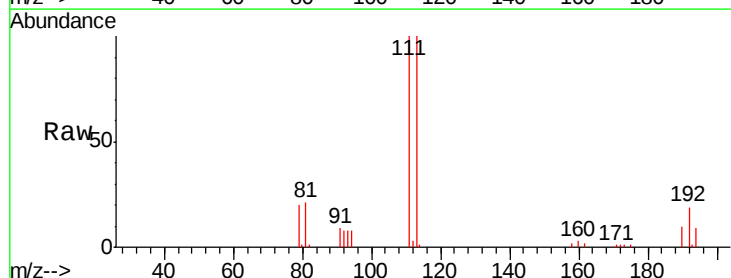


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

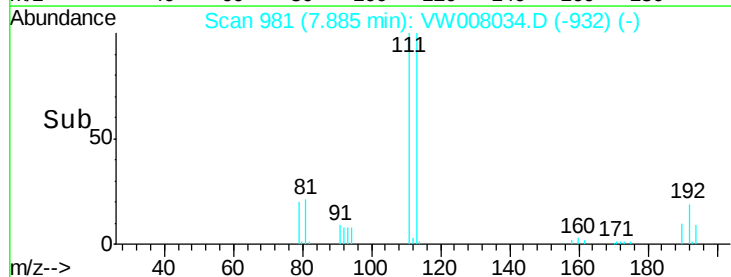
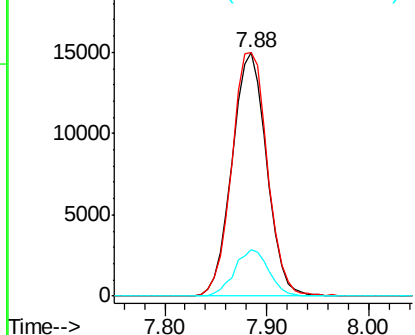


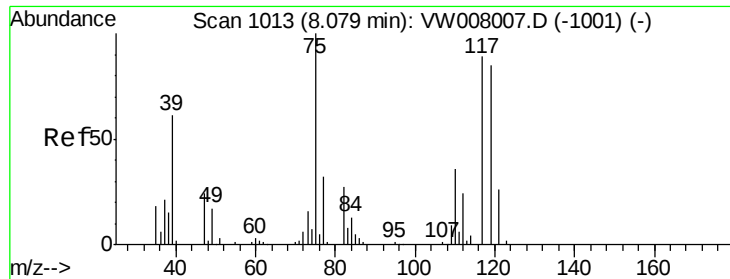
#35
Dibromofluoromethane
Concen: 51.474 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

Tgt Ion:113 Resp: 35121
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.8 14.8 22.2



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

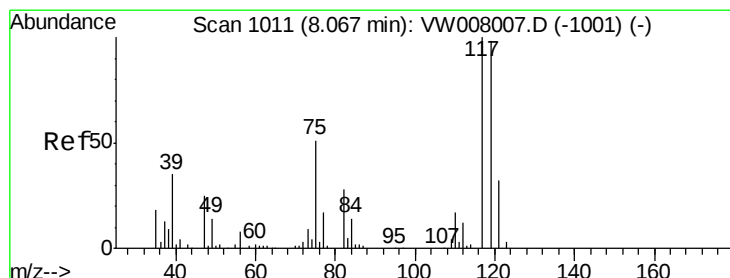
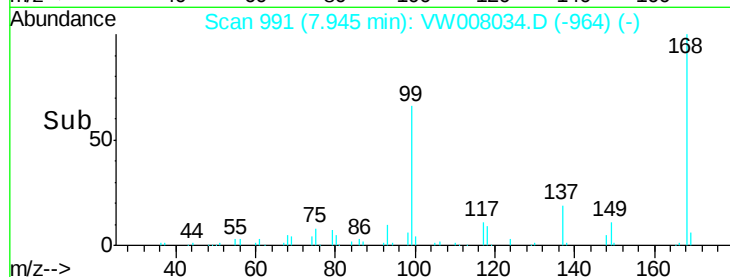
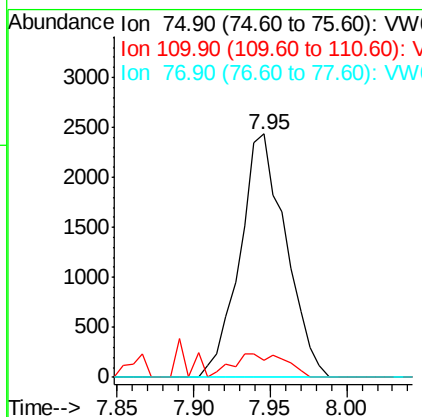
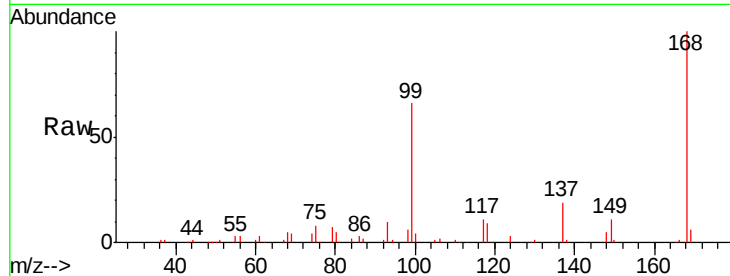




#36
 1,1-Dichloropropene
 Concen: 4.750 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008034.D
 Acq: 03 Jan 2019 21:12

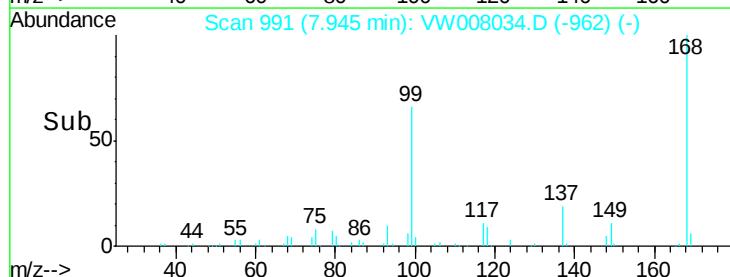
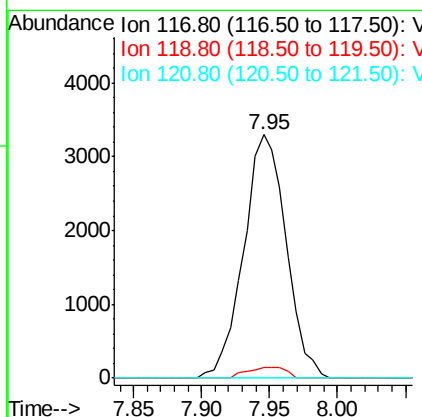
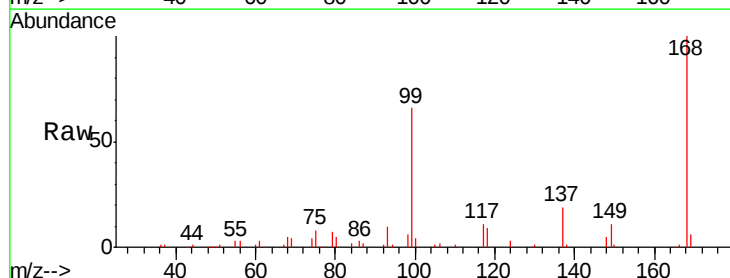
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

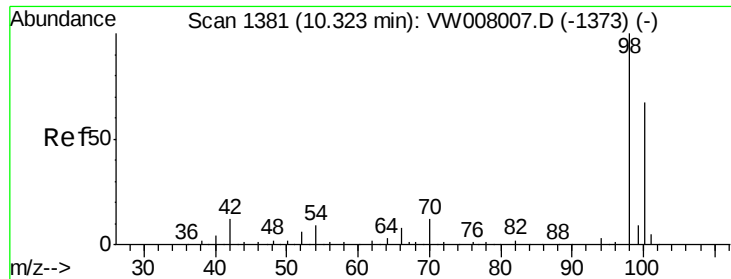
Tgt Ion: 75 Resp: 5071
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.640 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008034.D
 Acq: 03 Jan 2019 21:12

Tgt Ion: 117 Resp: 7216
 Ion Ratio Lower Upper
 117 100
 119 4.5 78.7 118.1#
 121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 48.713 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008034.D

Acq: 03 Jan 2019 21:12

Instrument :

MSVOA_W

ClientSampled :

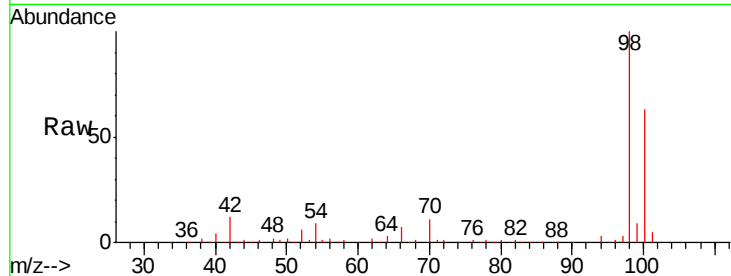
TP-4

Tgt Ion: 98 Resp: 124680

Ion Ratio Lower Upper

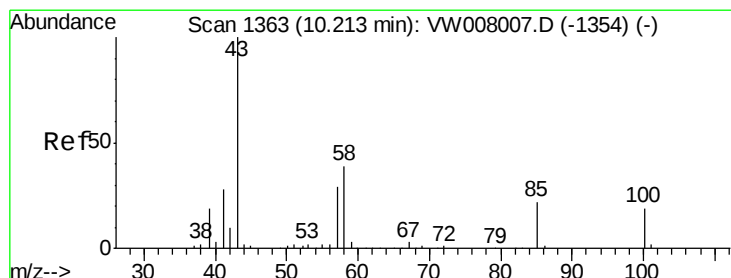
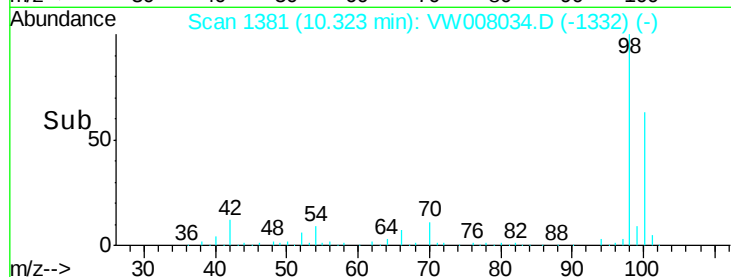
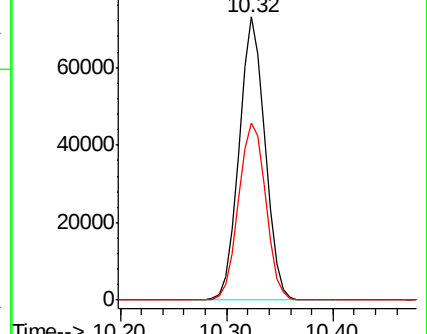
98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.249 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008034.D

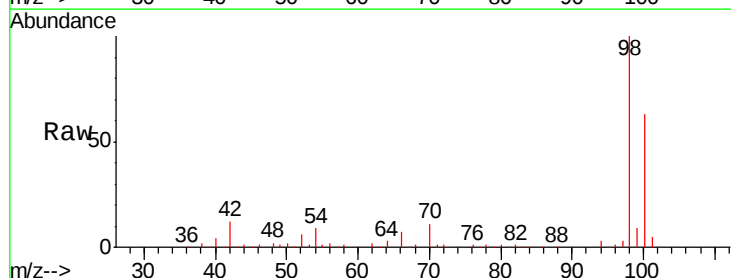
Acq: 03 Jan 2019 21:12

Tgt Ion: 43 Resp: 667

Ion Ratio Lower Upper

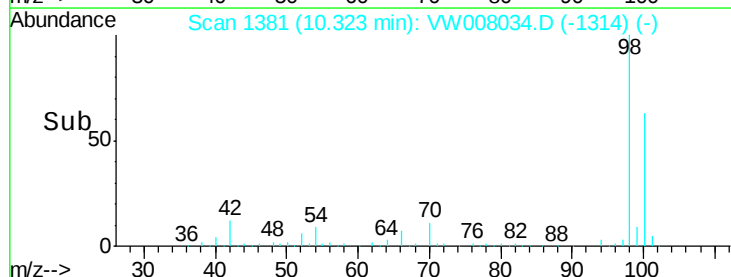
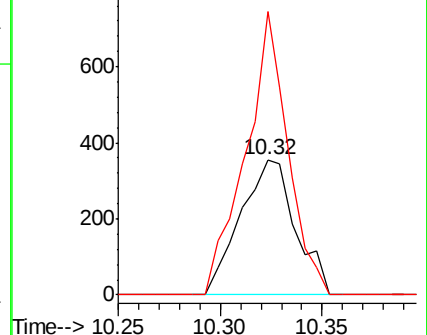
43 100

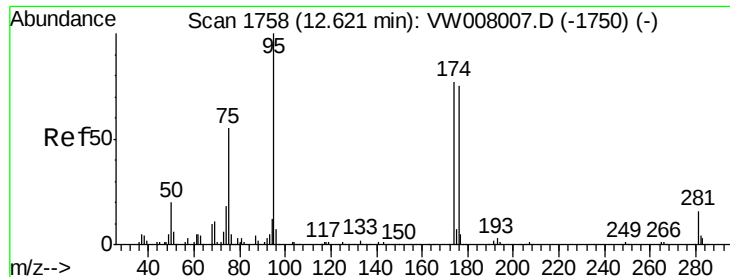
58 161.2 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

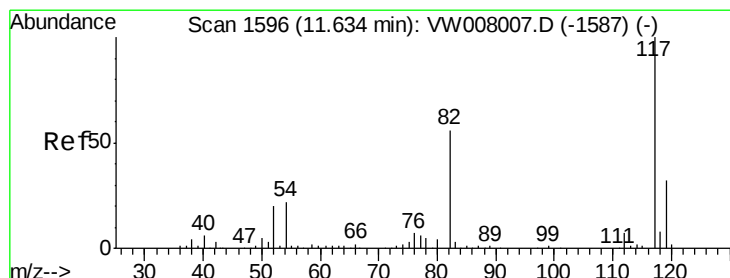
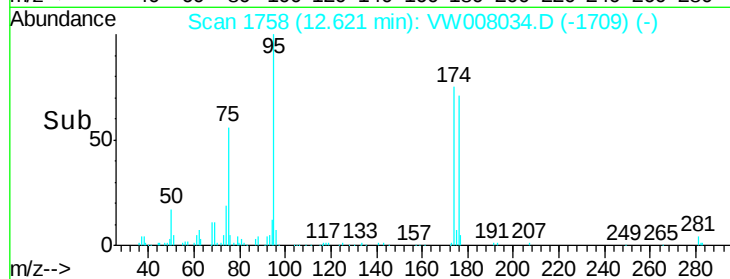
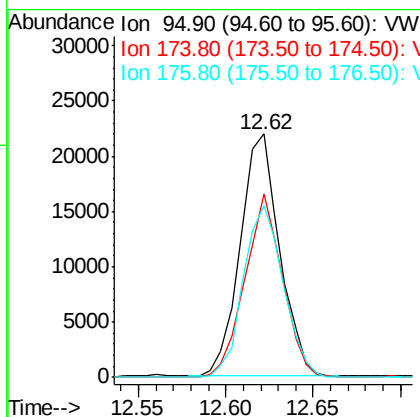
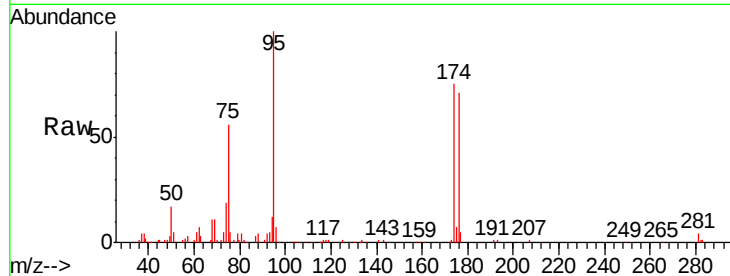




#62
4-Bromofluorobenzene
Concen: 34.853 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

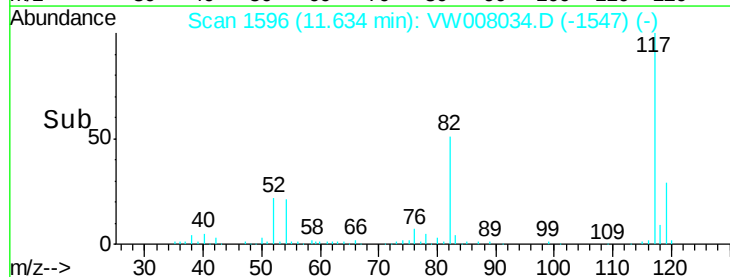
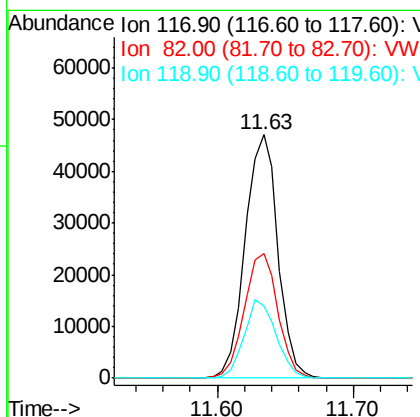
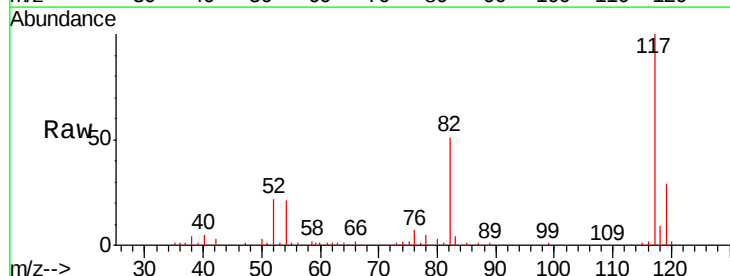
Instrument :
MSVOA_W
ClientSampleId :
TP-4

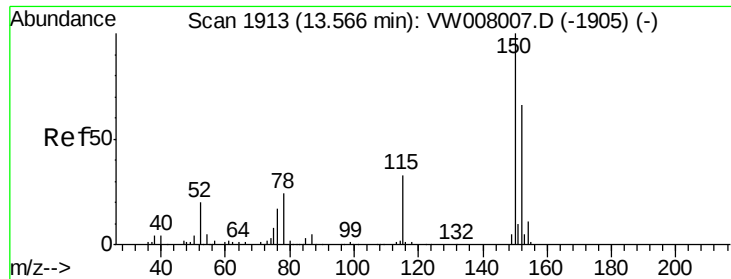
Tgt Ion: 95 Resp: 34211
Ion Ratio Lower Upper
95 100
174 72.4 0.0 149.6
176 72.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

Tgt Ion: 117 Resp: 79111
Ion Ratio Lower Upper
117 100
82 51.0 44.8 67.2
119 29.5 25.6 38.4



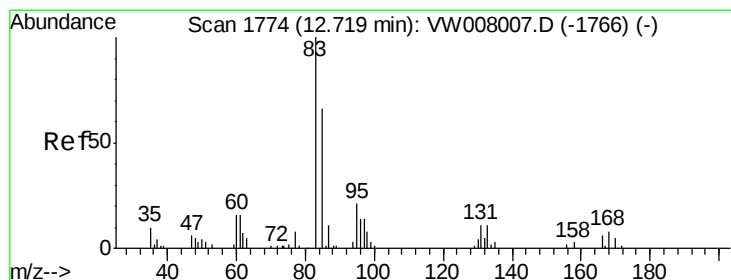
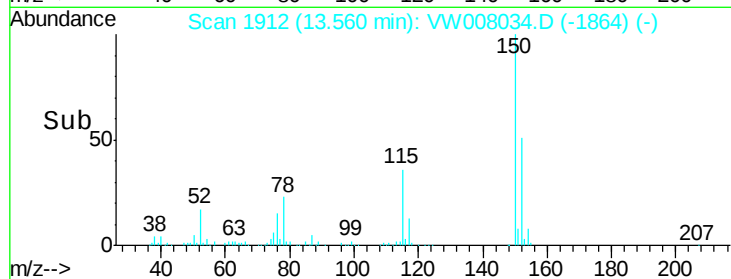
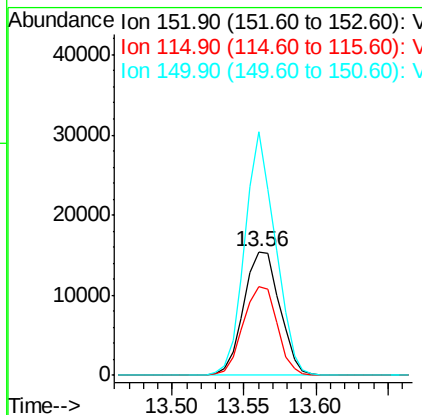
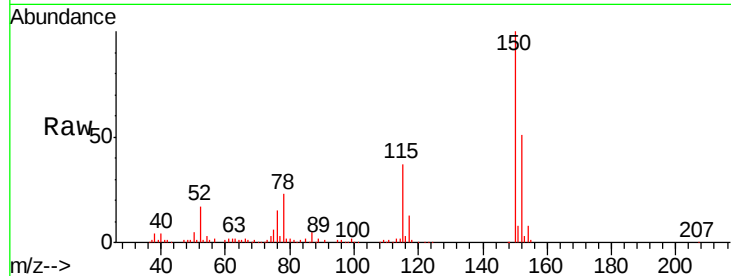


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

Instrument :
MSVOA_W
ClientSampled :
TP-4

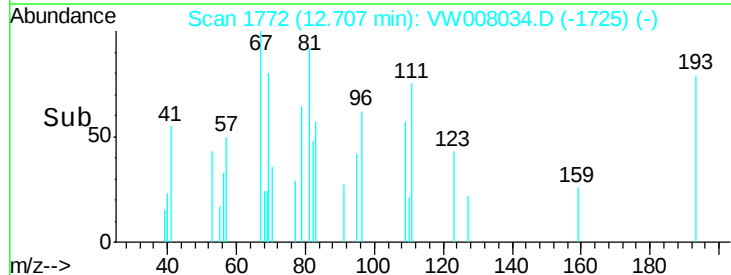
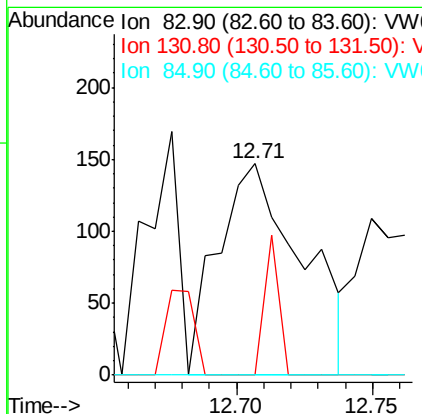
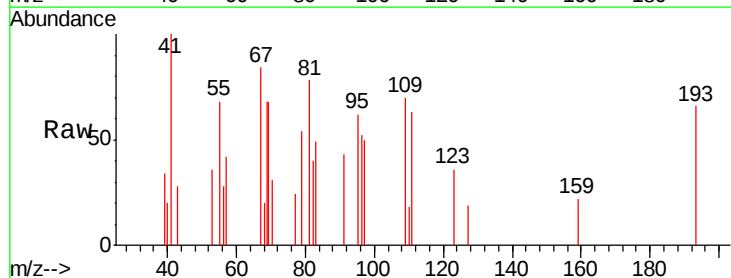
Tgt Ion:152 Resp: 26763
Ion Ratio Lower Upper
152 100
115 68.7 32.1 96.5
150 166.6 0.0 345.0

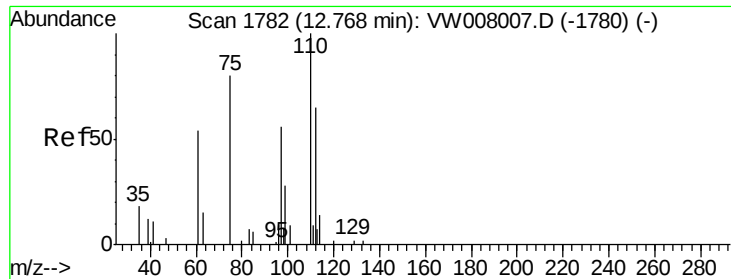


#75

1,1,2,2-Tetrachloroethane
Concen: 1.171 ug/l
RT: 12.71 min Scan# 1772
Delta R.T. -0.01 min
Lab File: VW008034.D
Acq: 03 Jan 2019 21:12

Tgt Ion: 83 Resp: 317
Ion Ratio Lower Upper
83 100
131 11.0 6.5 19.5
85 0.0 32.8 98.3#





#76

1,2,3-Trichloropropane

Concen: 91.164 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008034.D

Acq: 03 Jan 2019 21:12

Instrument :

MSVOA_W

ClientSampled :

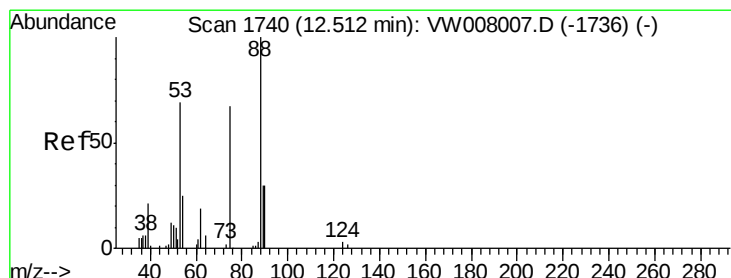
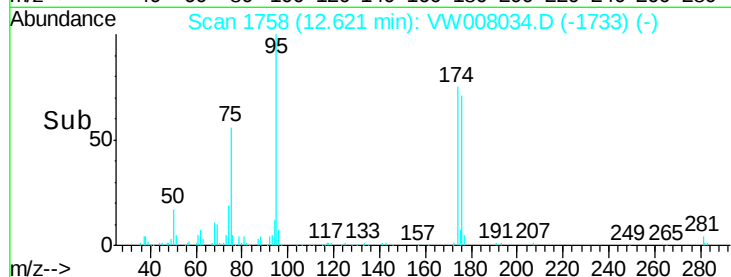
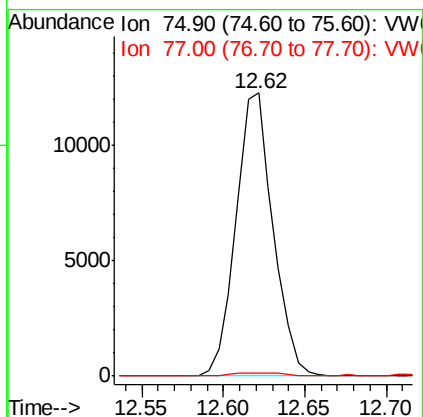
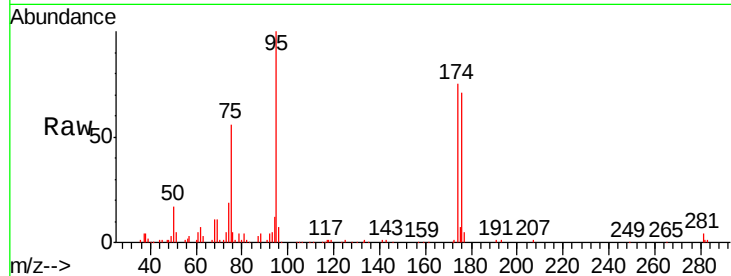
TP-4

Tgt Ion: 75 Resp: 19410

Ion Ratio Lower Upper

75 100

77 1.4 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 215.589 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008034.D

Acq: 03 Jan 2019 21:12

Tgt Ion: 75 Resp: 19410

Ion Ratio Lower Upper

75 100

53 0.1 87.6 131.4#

89 0.0 42.2 63.2#

