

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003585.D
 Acq On : 26 Jun 2018 23:14
 Operator : SY/AP
 Sample : J3684-10
 Misc : 5.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

Quant Time: Jun 27 07:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	117129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	80647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22045	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50293	63.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.96%	
35) Dibromofluoromethane	7.88	113	43836	60.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.46%	
50) Toluene-d8	10.33	98	79005	27.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.76%	
62) 4-Bromofluorobenzene	12.63	95	21438	20.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.98%	

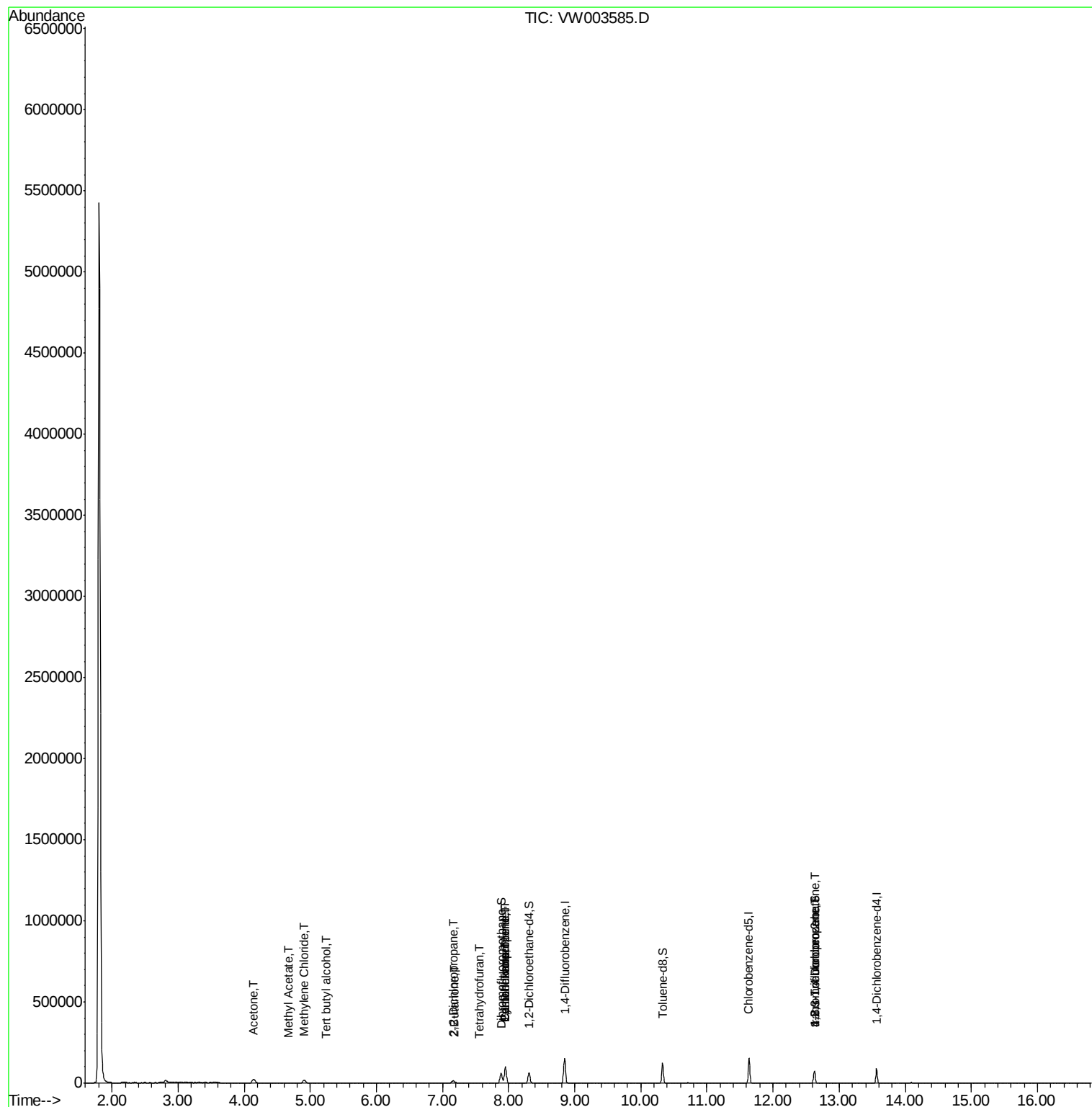
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	288	6.779	ug/l #	84
16) Acetone	4.14	43	48304	290.726	ug/l	96
18) Methyl Acetate	4.67	43	4294	10.894	ug/l	97
20) Methylene Chloride	4.91	84	12902	15.767	ug/l	95
25) 2-Butanone	7.18	43	4593	22.231	ug/l	90
26) 2,2-Dichloropropane	7.16	77	1058	1.157	ug/l #	53
29) Tetrahydrofuran	7.56	42	370	2.930	ug/l #	51
31) Cyclohexane	7.95	56	2097	1.638	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	6022	5.324	ug/l #	52
38) Carbon Tetrachloride	7.95	117	7507	6.766	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	11485	60.942	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	11485	140.230	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Instrument :

MSVOA_W

ClientSampleId :

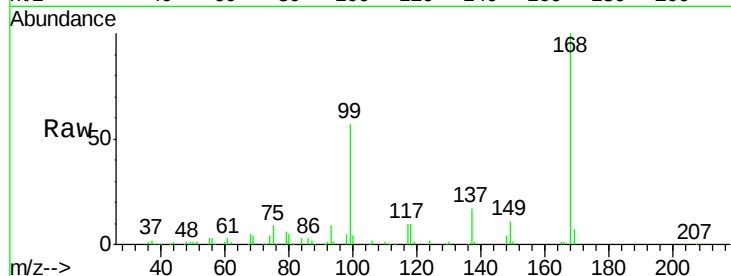
TP-1-D

Tgt Ion:168 Resp: 73139

Ion Ratio Lower Upper

168 100

99 56.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

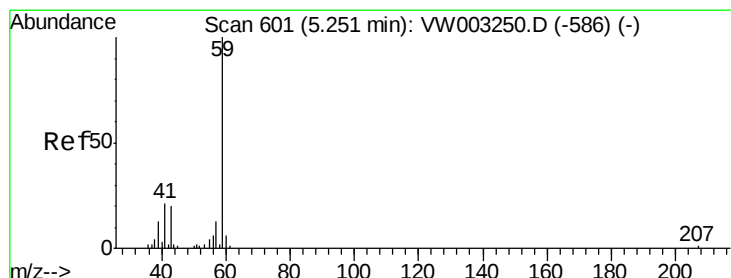
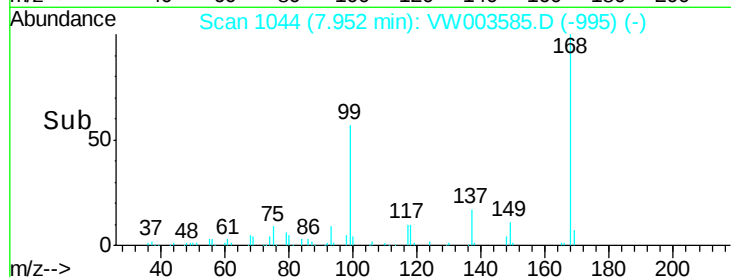
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 6.779 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003585.D

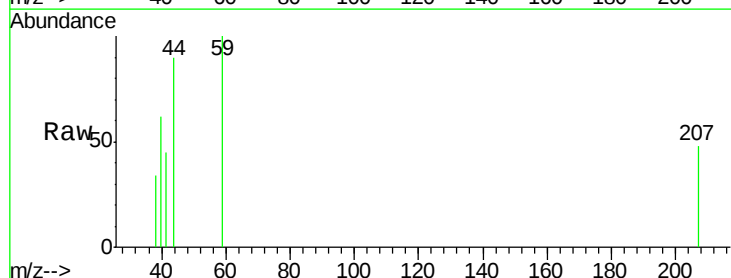
Acq: 26 Jun 2018 23:14

Tgt Ion: 59 Resp: 288

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

200

150

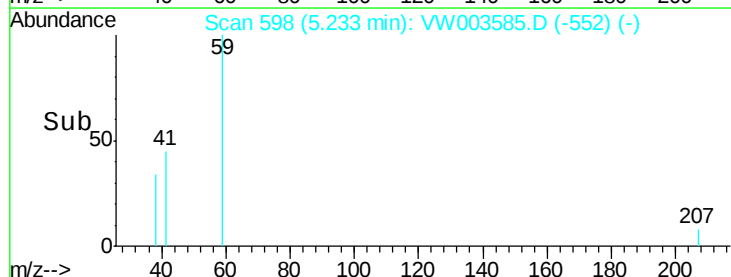
100

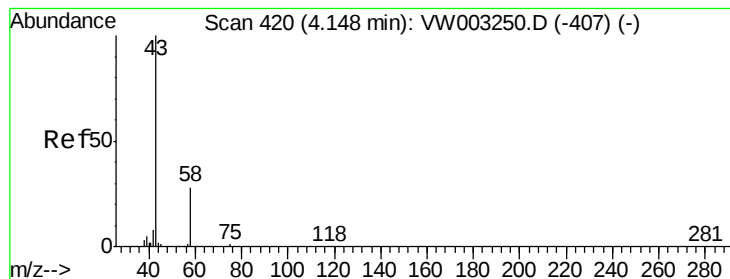
50

0

5.20 5.23 5.25

Time-->





#16

Acetone

Concen: 290.726 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

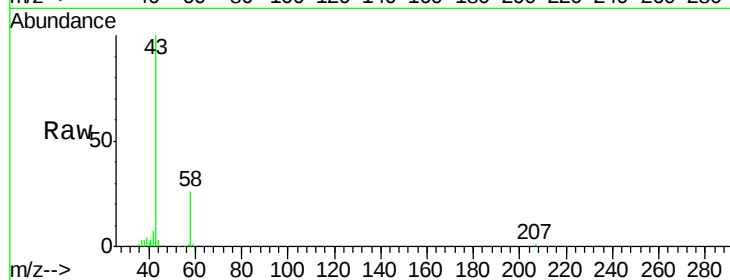
TP-1-D

Tgt Ion: 43 Resp: 48304

Ion Ratio Lower Upper

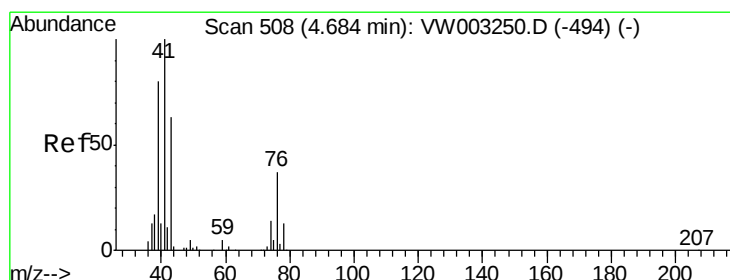
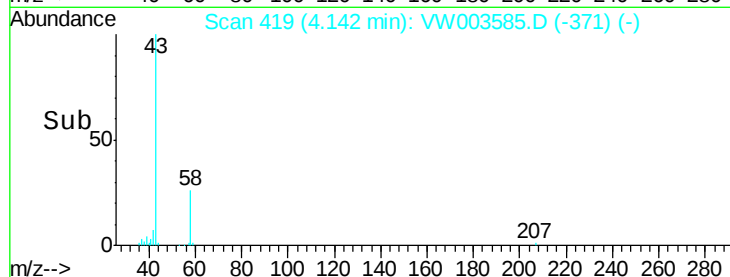
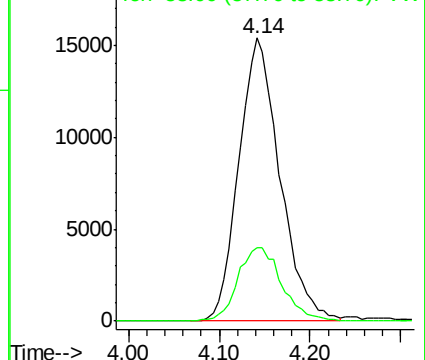
43 100

58 26.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 10.894 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003585.D

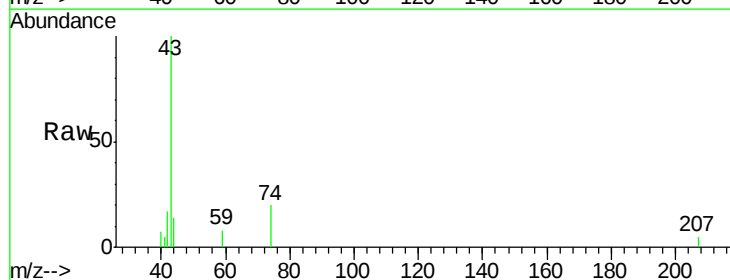
Acq: 26 Jun 2018 23:14

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

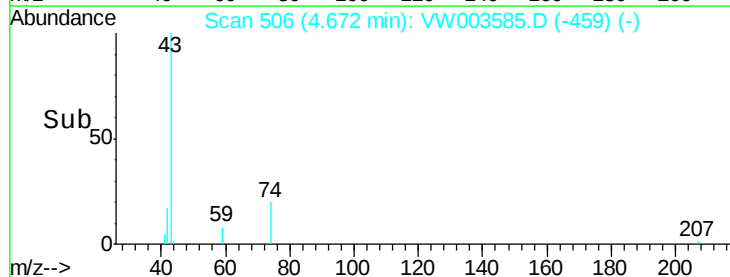
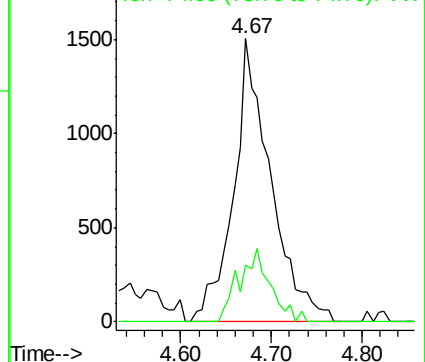
43 100

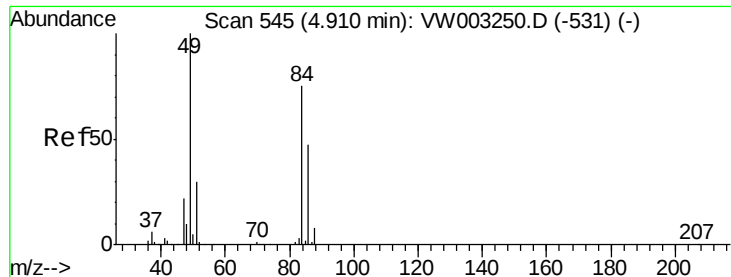
74 21.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

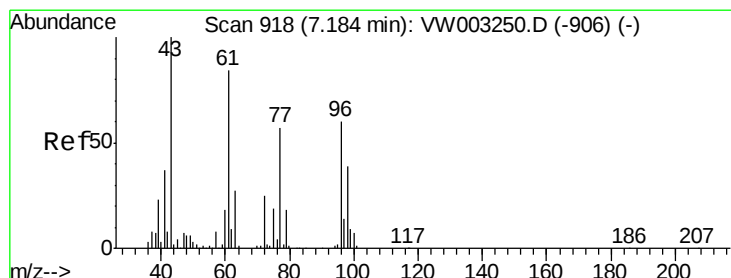
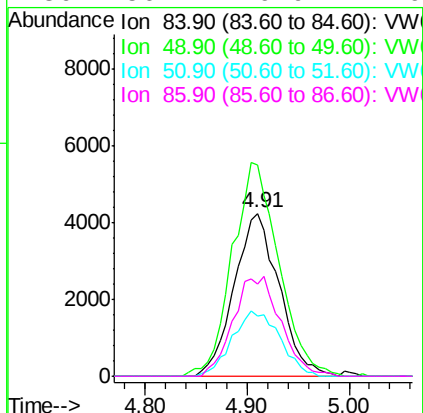
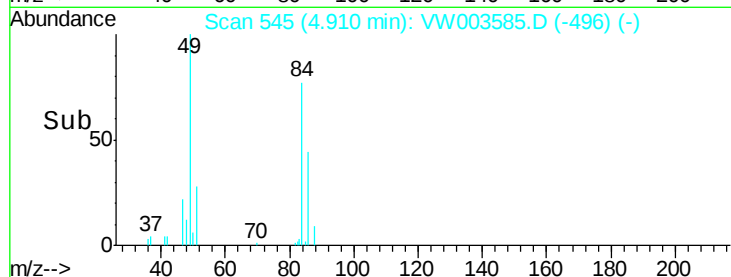
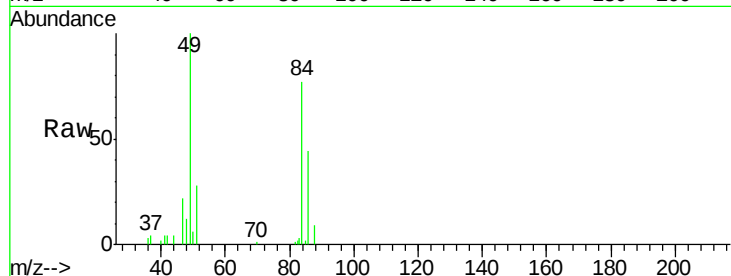




#20
Methylene Chloride
Concen: 15.767 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003585.D
Acq: 26 Jun 2018 23:14

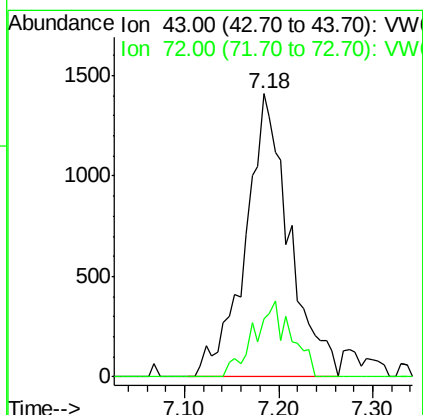
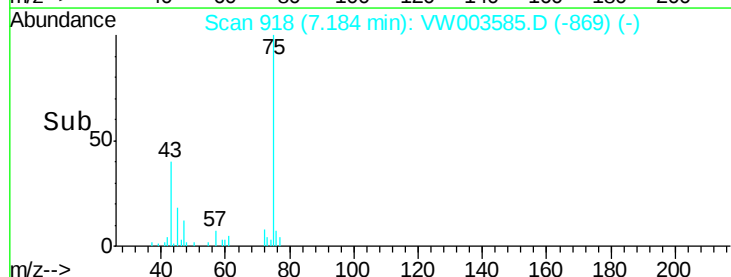
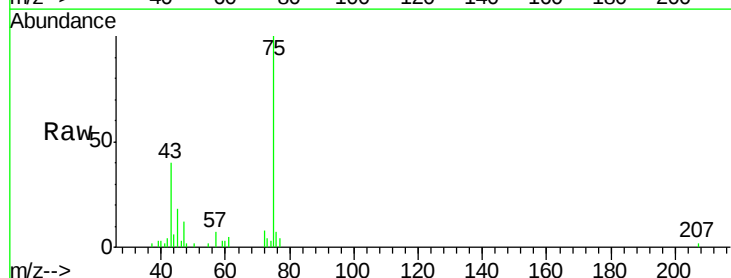
Instrument :
MSVOA_W
ClientSampled :
TP-1-D

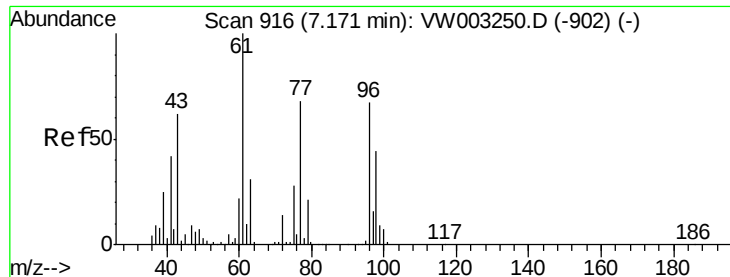
Tgt Ion: 84 Resp: 12902
Ion Ratio Lower Upper
84 100
49 127.5 106.3 159.5
51 36.7 32.0 48.0
86 56.7 49.9 74.9



#25
2-Butanone
Concen: 22.231 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003585.D
Acq: 26 Jun 2018 23:14

Tgt Ion: 43 Resp: 4593
Ion Ratio Lower Upper
43 100
72 20.6 20.3 30.5

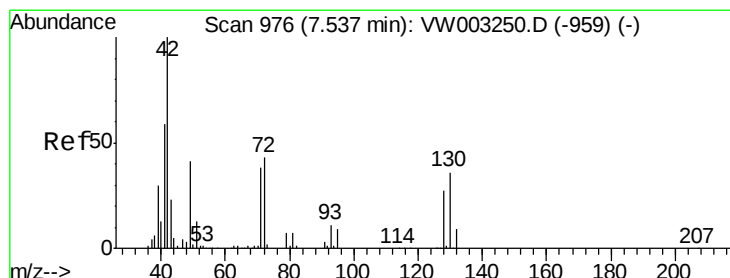
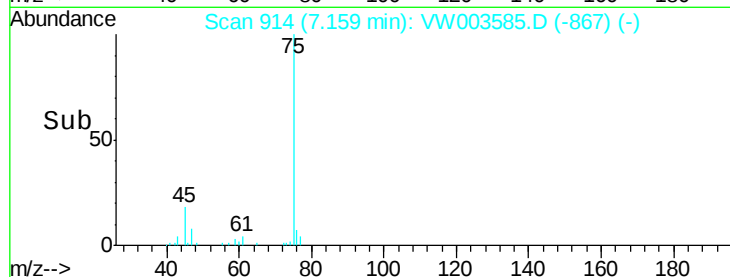
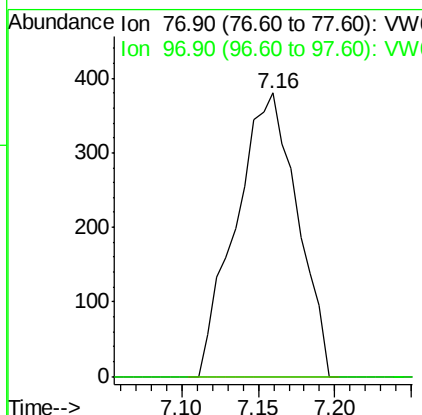
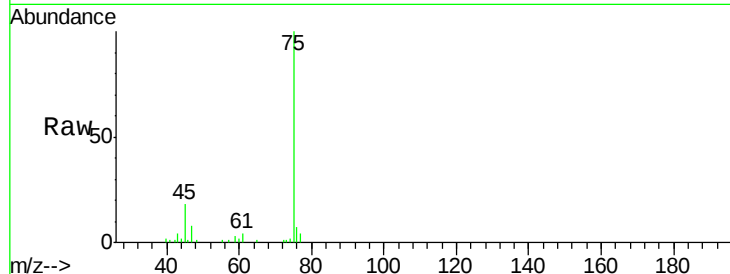




#26
 2,2-Dichloropropane
 Concen: 1.157 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW003585.D
 Acq: 26 Jun 2018 23:14

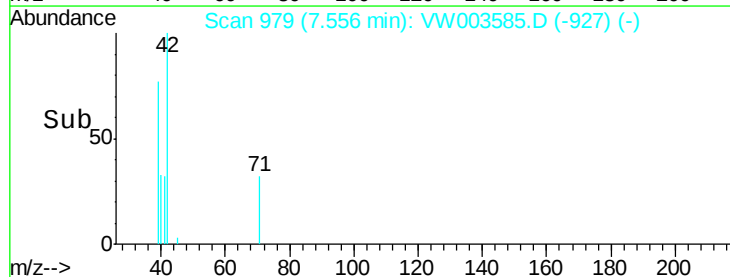
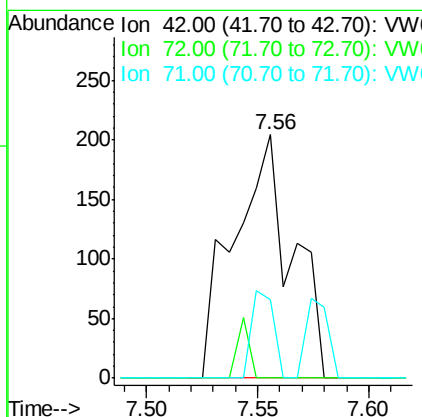
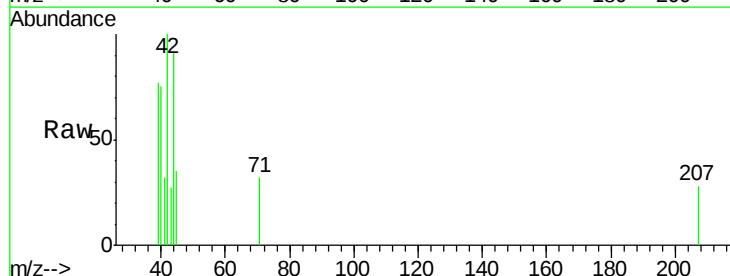
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

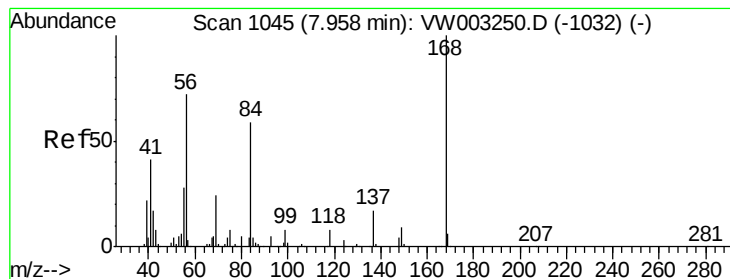
Tgt Ion: 77 Resp: 1058
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.3 33.9#



#29
 Tetrahydrofuran
 Concen: 2.930 ug/l
 RT: 7.56 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: VW003585.D
 Acq: 26 Jun 2018 23:14

Tgt Ion: 42 Resp: 370
 Ion Ratio Lower Upper
 42 100
 72 5.1 32.4 48.6#
 71 13.8 31.2 46.8#





#31

Cyclohexane

Concen: 1.638 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

TP-1-D

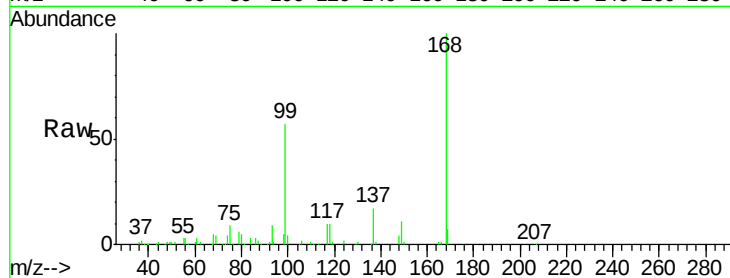
Tgt Ion: 56 Resp: 2097

Ion Ratio Lower Upper

56 100

69 135.6 26.3 39.5#

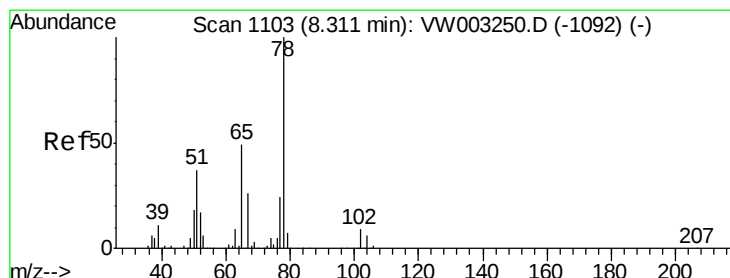
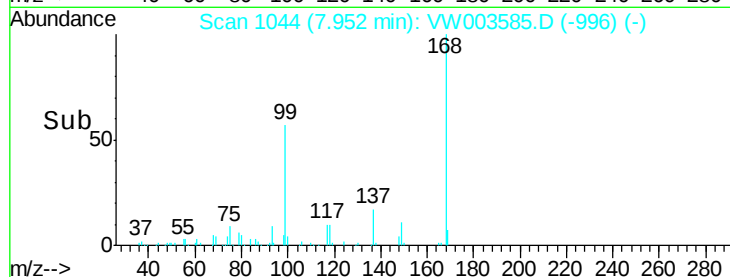
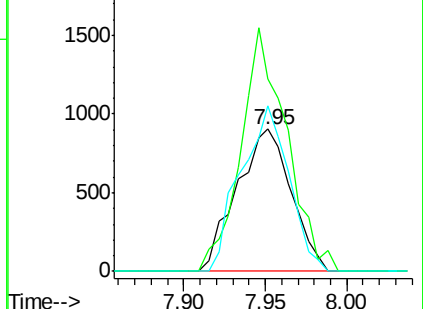
84 116.0 65.7 98.5#



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: 63.485 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003585.D

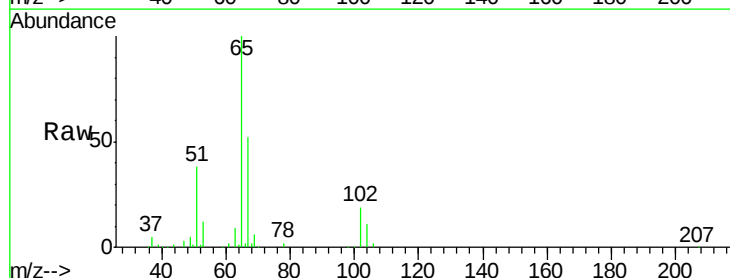
Acq: 26 Jun 2018 23:14

Tgt Ion: 65 Resp: 50293

Ion Ratio Lower Upper

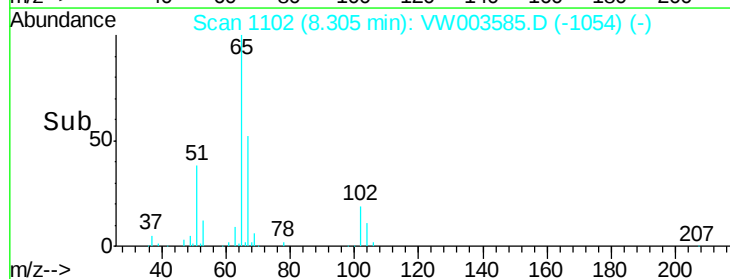
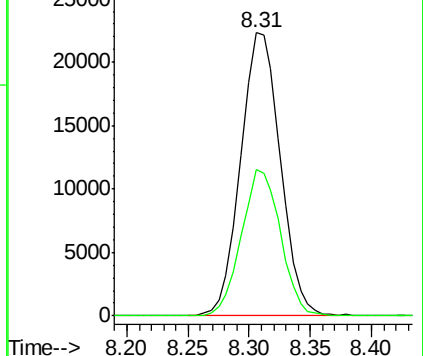
65 100

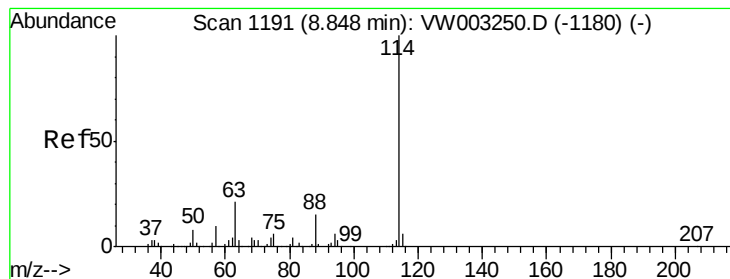
67 50.9 0.0 104.2



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: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Instrument :

MSVOA_W

ClientSampleId :

TP-1-D

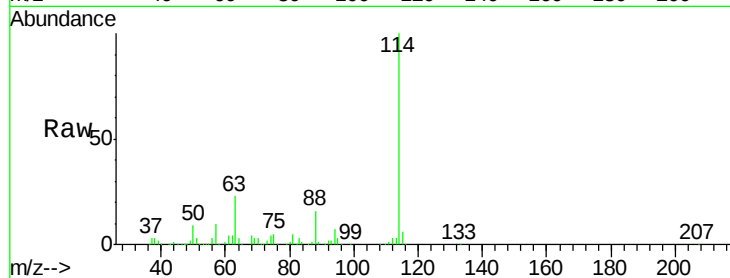
Tgt Ion:114 Resp: 117129

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.0

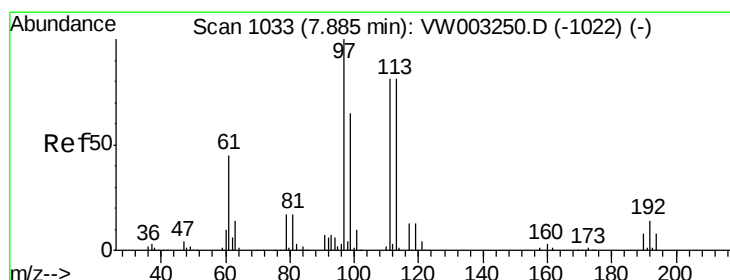
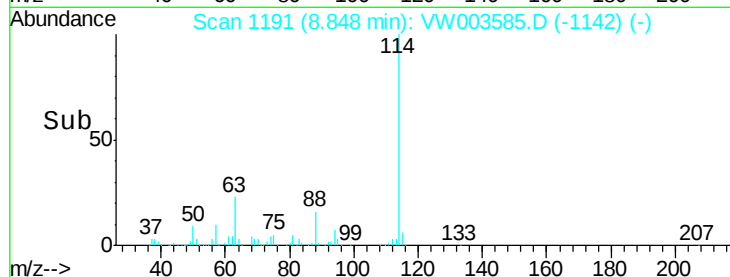
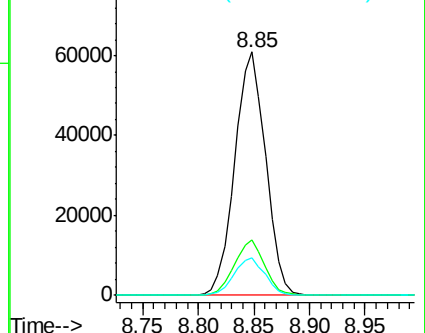
88 15.6 0.0 29.6



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: 60.230 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

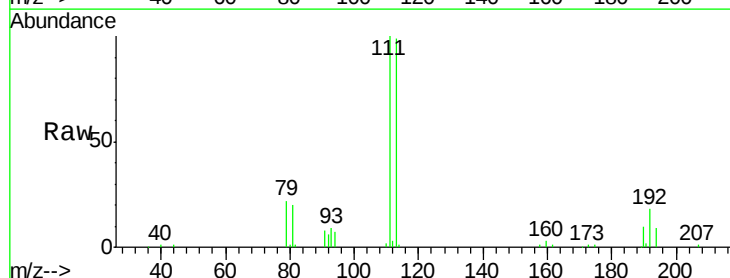
Tgt Ion:113 Resp: 43836

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

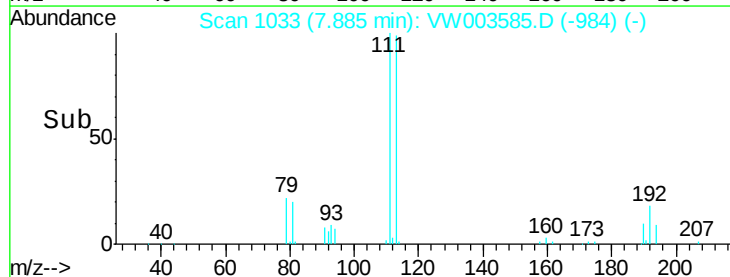
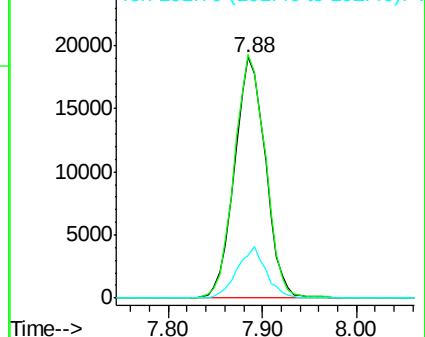
192 19.8 16.2 24.2

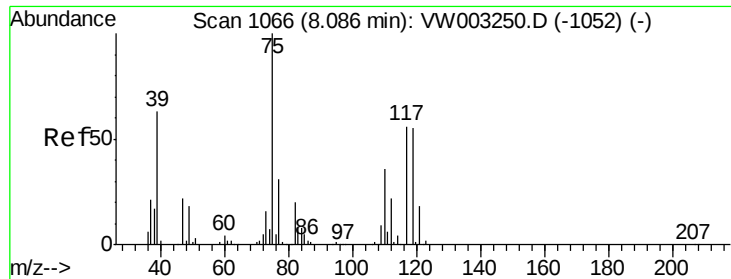


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

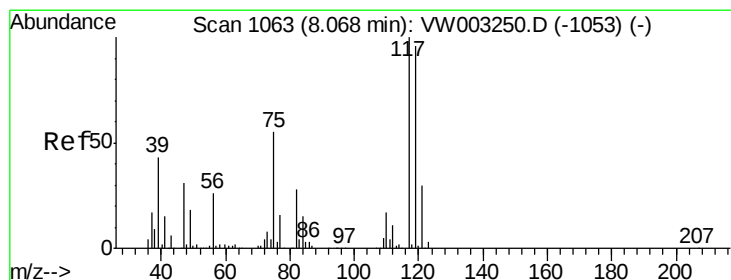
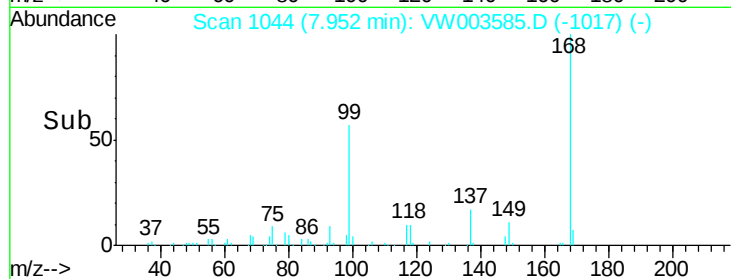
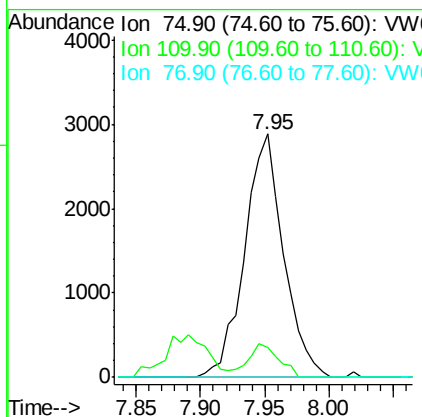
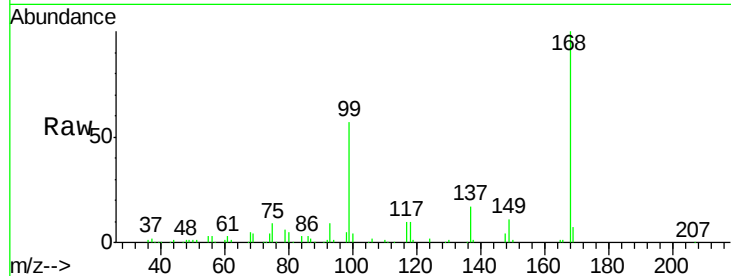




#36
 1,1-Dichloropropene
 Concen: 5.324 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003585.D
 Acq: 26 Jun 2018 23:14

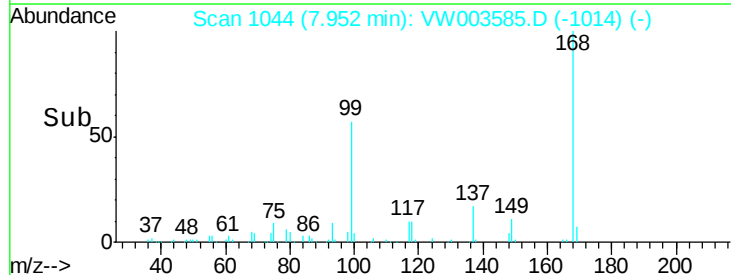
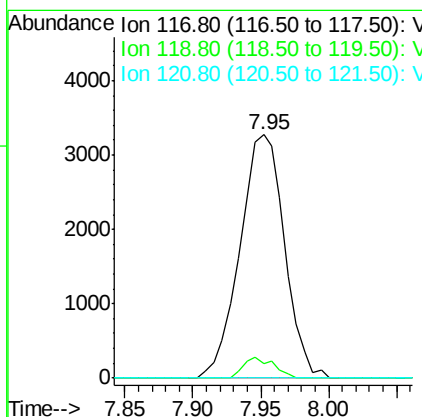
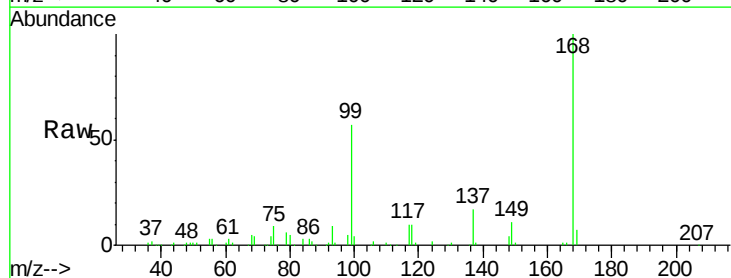
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-D

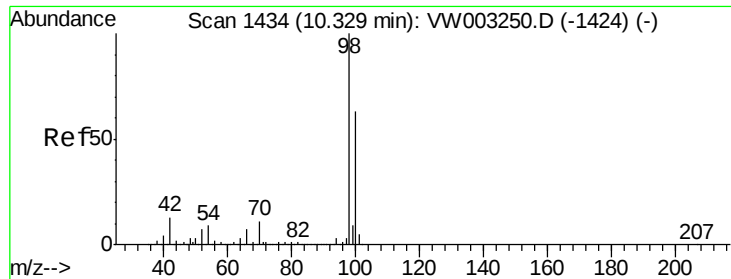
Tgt Ion: 75 Resp: 6022
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.766 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003585.D
 Acq: 26 Jun 2018 23:14

Tgt Ion: 117 Resp: 7507
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 27.376 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

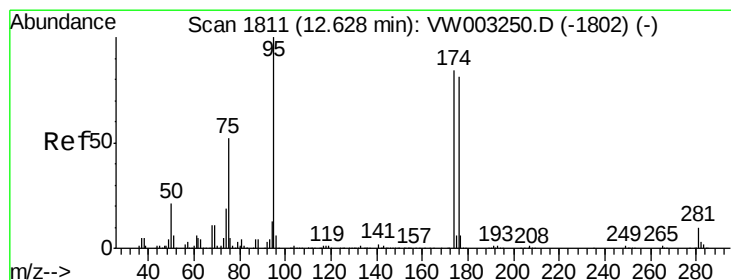
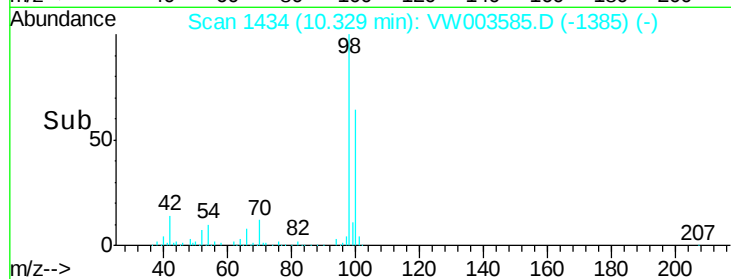
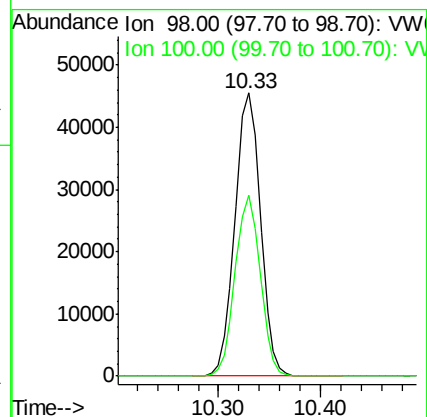
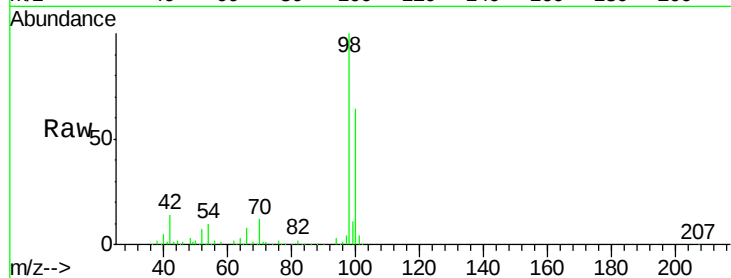
TP-1-D

Tgt Ion: 98 Resp: 79005

Ion Ratio Lower Upper

98 100

100 62.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 20.991 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

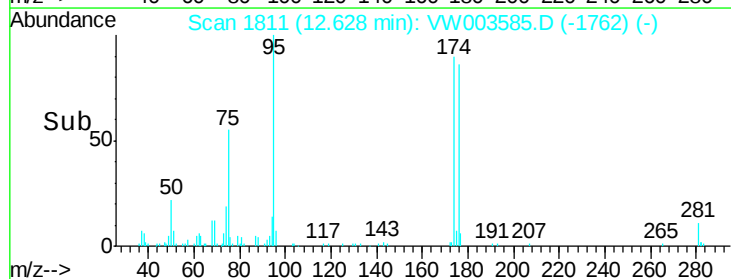
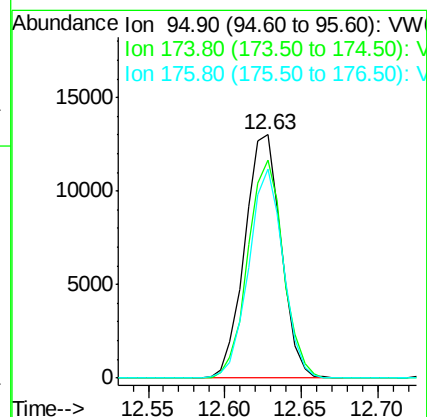
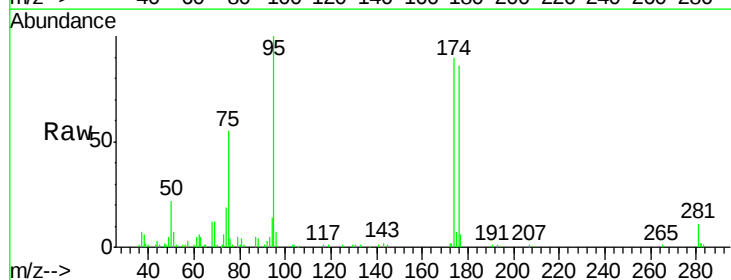
Tgt Ion: 95 Resp: 21438

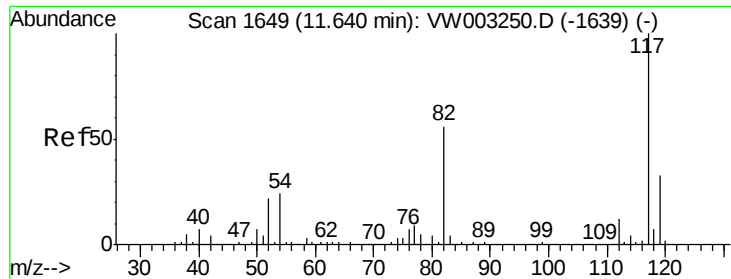
Ion Ratio Lower Upper

95 100

174 87.6 0.0 166.4

176 81.7 0.0 162.0

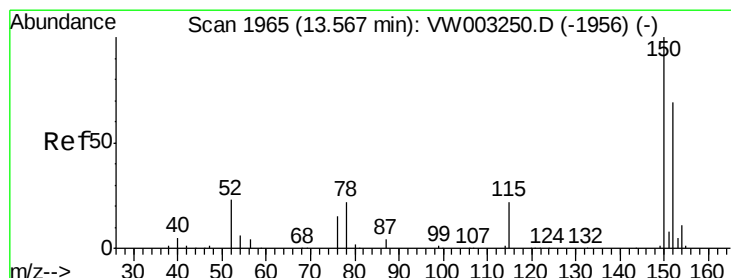
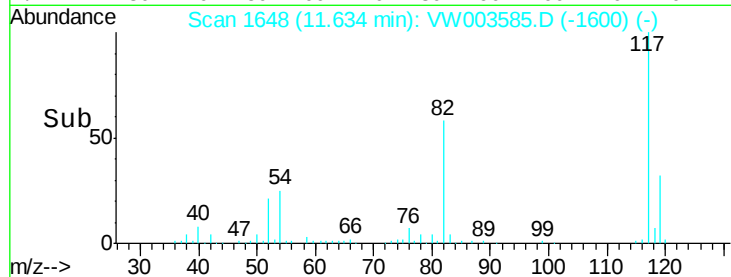
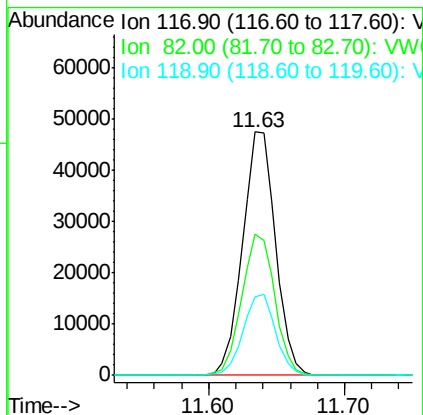
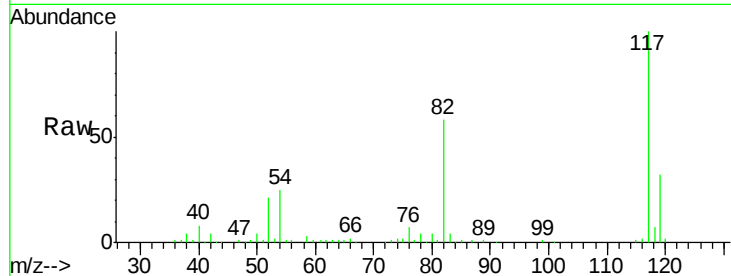




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003585.D
Acq: 26 Jun 2018 23:14

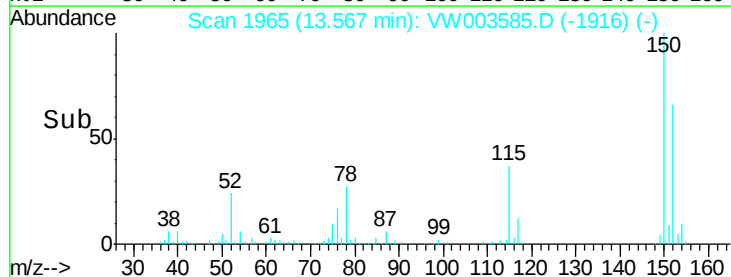
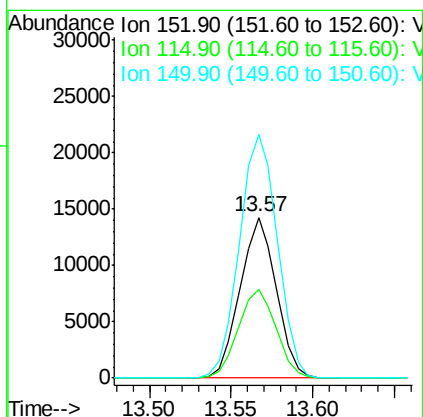
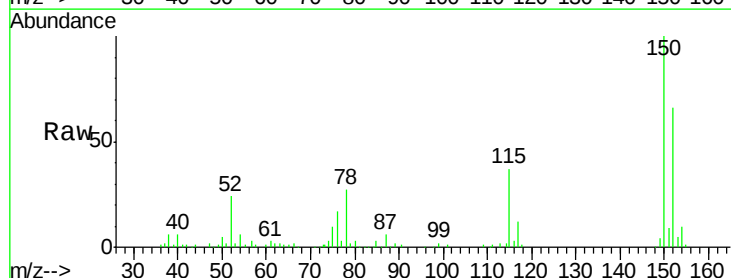
Instrument :
MSVOA_W
ClientSampleId :
TP-1-D

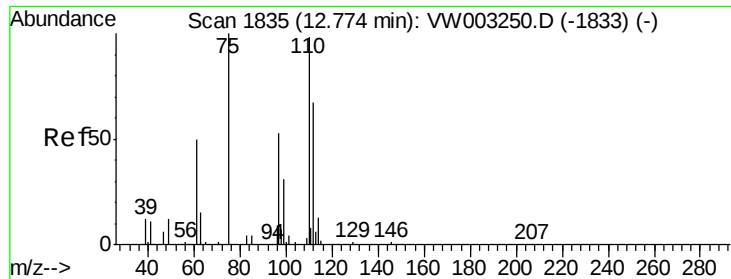
Tgt Ion:117 Resp: 80647
Ion Ratio Lower Upper
117 100
82 58.1 44.6 67.0
119 32.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003585.D
Acq: 26 Jun 2018 23:14

Tgt Ion:152 Resp: 22045
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 158.8 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 60.942 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Instrument :

MSVOA_W

ClientSampled :

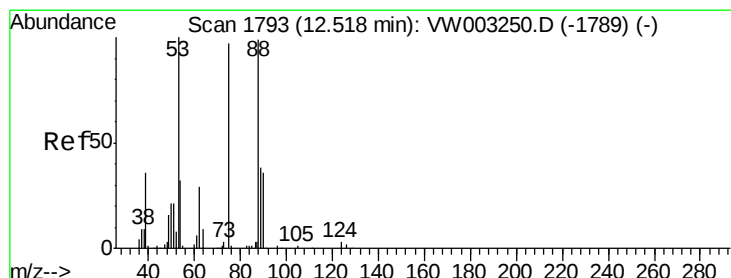
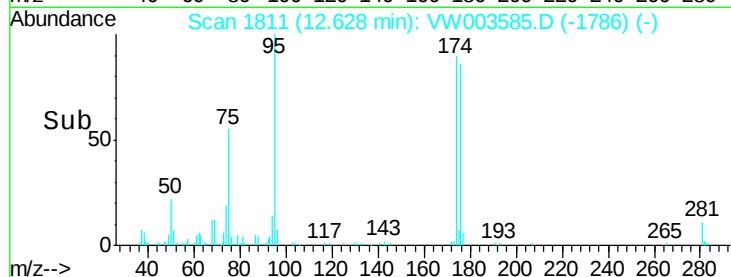
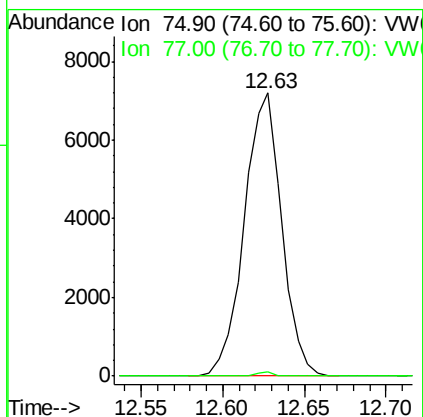
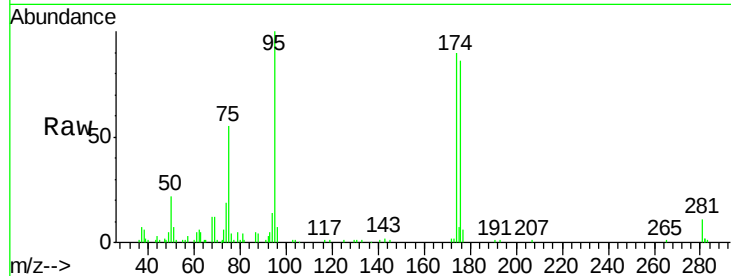
TP-1-D

Tgt Ion: 75 Resp: 11485

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.230 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003585.D

Acq: 26 Jun 2018 23:14

Tgt Ion: 75 Resp: 11485

Ion Ratio Lower Upper

75 100

53 0.0 82.9 124.3#

89 0.0 36.7 55.1#

