

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004707.D
 Acq On : 15 Aug 2018 20:44
 Operator : SY/AP
 Sample : J4471-09
 Misc : 3.92G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: Aug 16 04:59:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

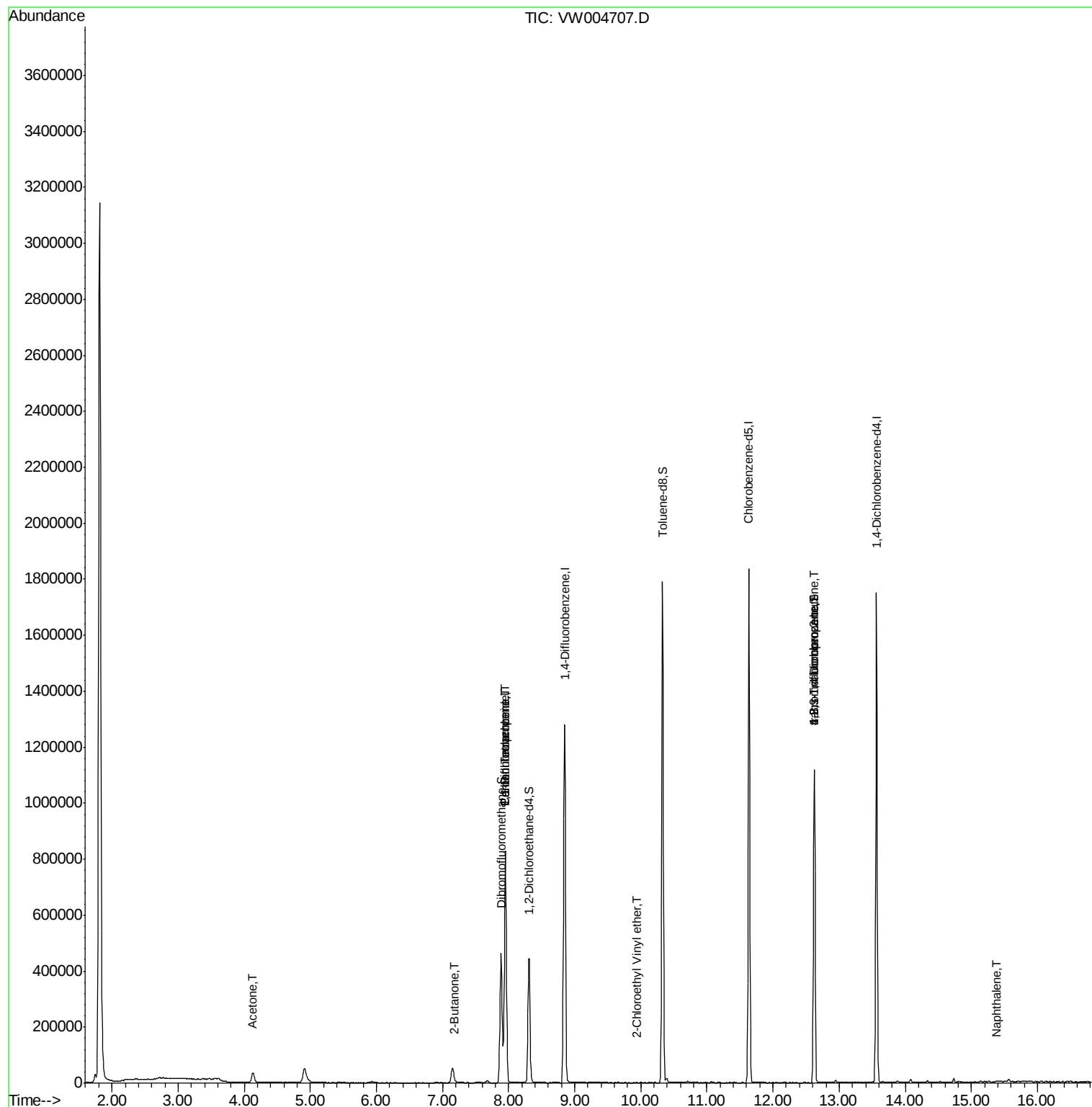
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	628429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1087167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1028551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	468247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	349107	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	336076	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	10.33	98	1208362	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	12.62	95	382881	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.92%	
Target Compounds						
16) Acetone	4.13	43	62740	36.114	ug/l	98
20) Methylene Chloride	4.92	84	50607	Below Cal		93
25) 2-Butanone	7.19	43	5615	2.009	ug/l #	77
36) 1,1-Dichloropropene	7.95	75	46929	4.009	ug/l #	49
38) Carbon Tetrachloride	7.95	117	59065	5.607	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.94	63	93	8.967	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	181806	37.522	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	181806	89.823	ug/l #	13
95) Naphthalene	15.38	128	1983	3.004	ug/l #	92

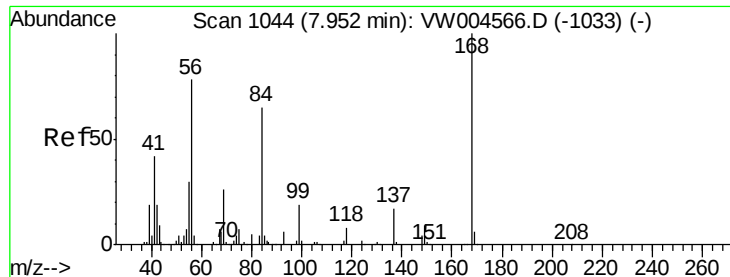
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

Instrument :

MSVOA_W

ClientSampleId :

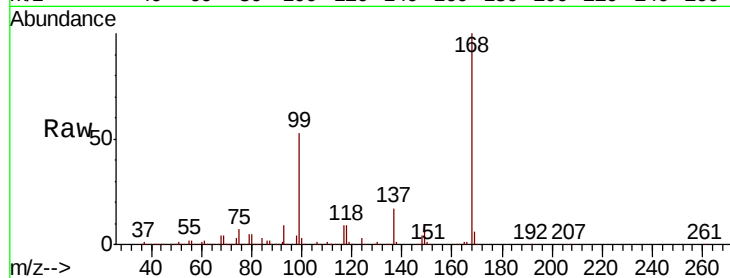
TP-3

Tot Ion:168 Resp: 628429

Ion Ratio Lower Upper

168 100

99 53.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

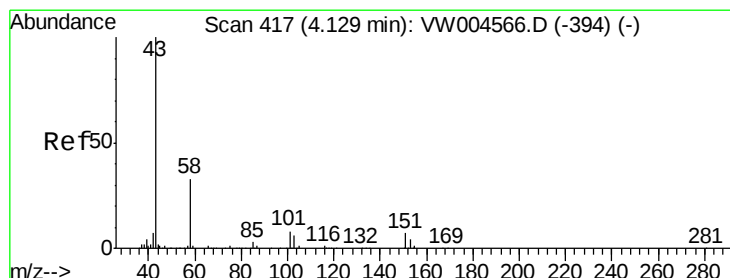
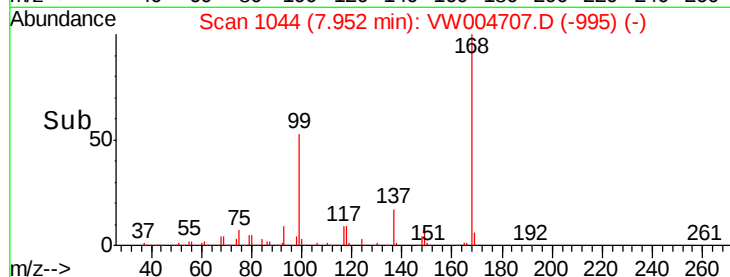
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 36.114 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004707.D

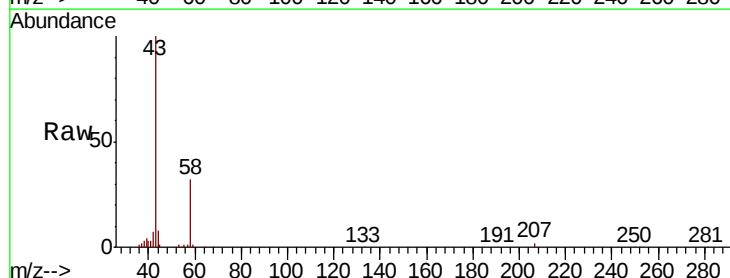
Acq: 15 Aug 2018 20:44

Tgt Ion: 43 Resp: 62740

Ion Ratio Lower Upper

43 100

58 32.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

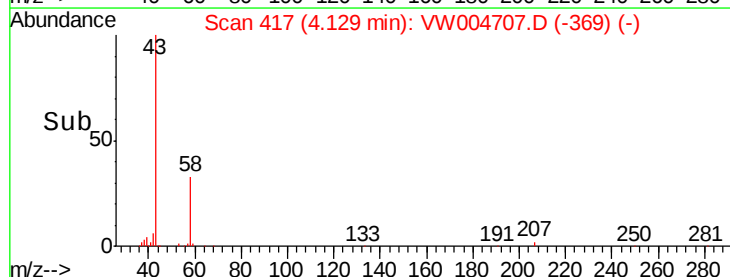
15000

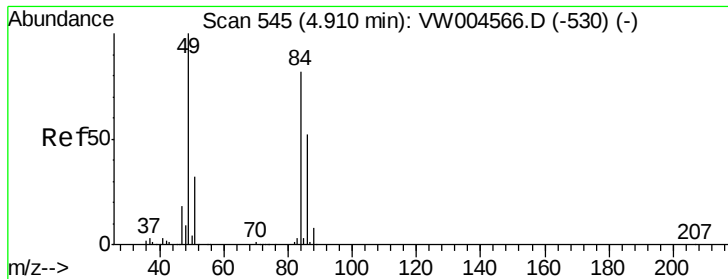
10000

5000

0

Time-->

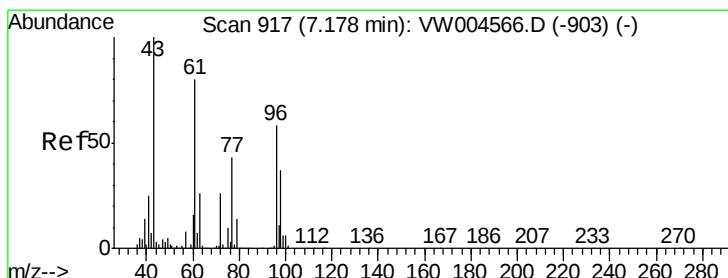
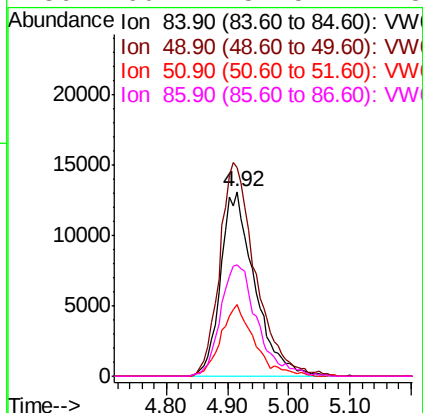
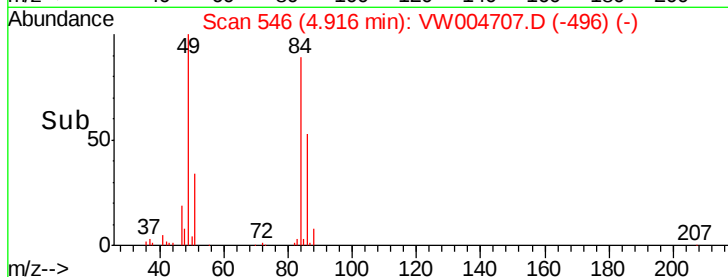
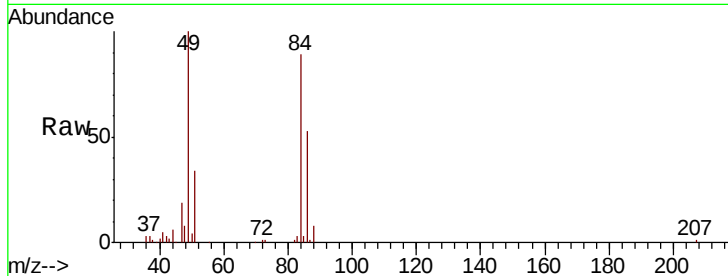




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

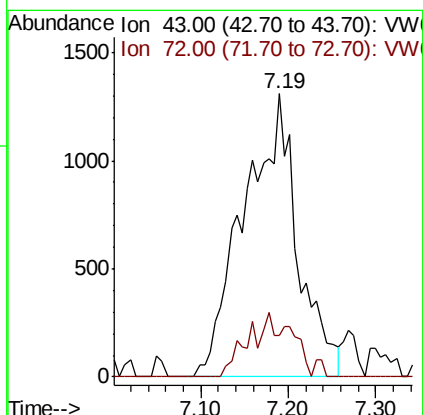
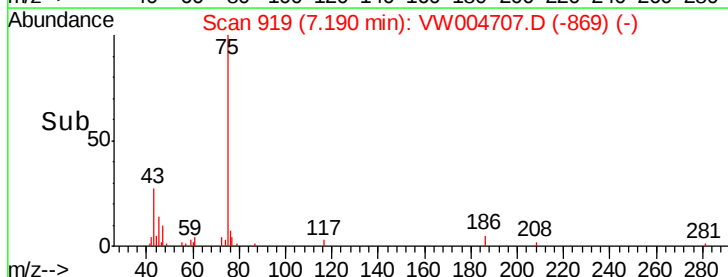
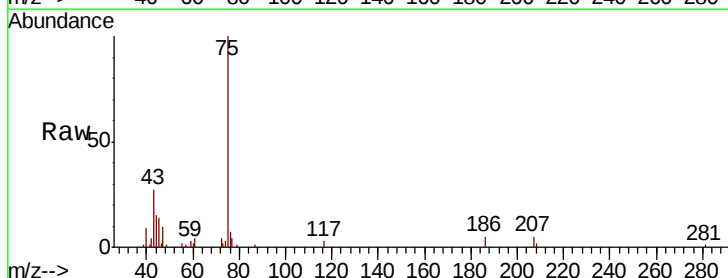
Instrument :
MSVOA_W
ClientSampleId :
TP-3

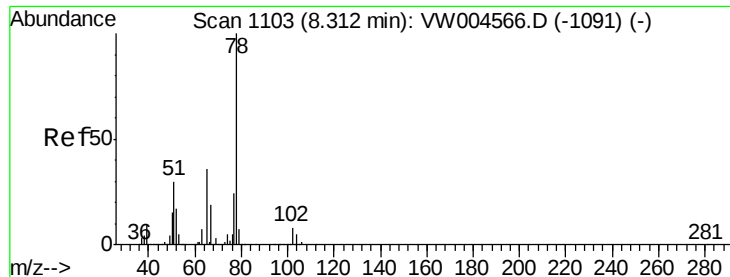
Tot Ion	84	Resp	50607
Ion	Ratio	Lower	Upper
84	100		
49	112.8	99.6	149.4
51	38.6	31.0	46.4
86	60.1	51.5	77.3



#25
2-Butanone
Concen: 2.009 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

Tgt Ion	43	Resp	5615
Ion	Ratio	Lower	Upper
43	100		
72	14.6	21.0	31.6#





#33

1,2-Dichloroethane-d4

Concen: 50.184 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

Instrument :

MSVOA_W

ClientSampleId :

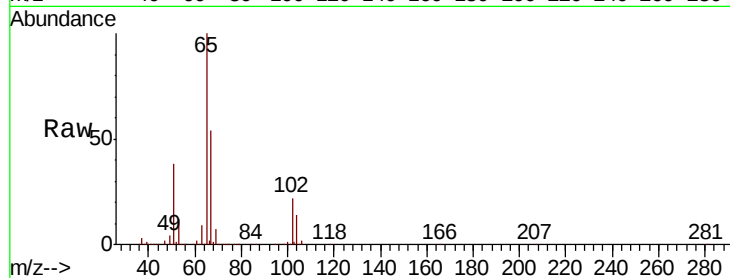
TP-3

Tot Ion: 65 Resp: 349107

Ion Ratio Lower Upper

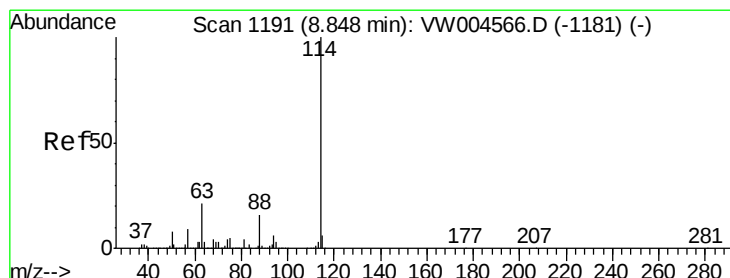
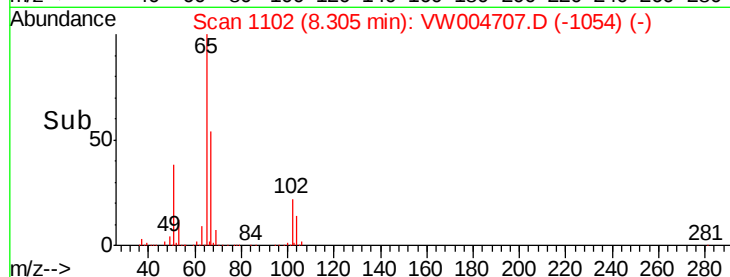
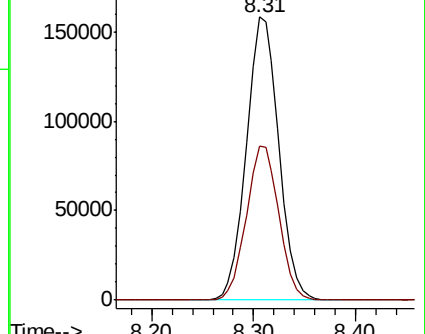
65 100

67 54.8 0.0 109.0



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: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

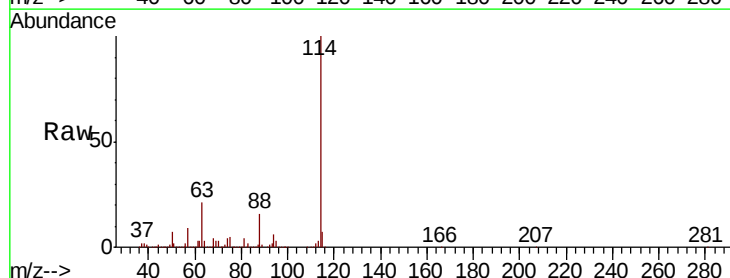
Tgt Ion: 114 Resp: 1087167

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

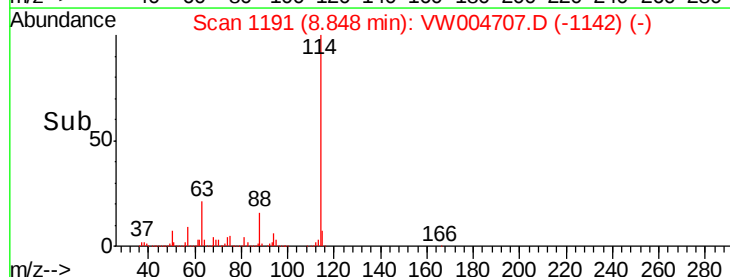
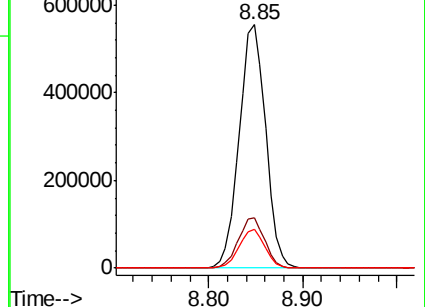
88 15.9 0.0 31.2

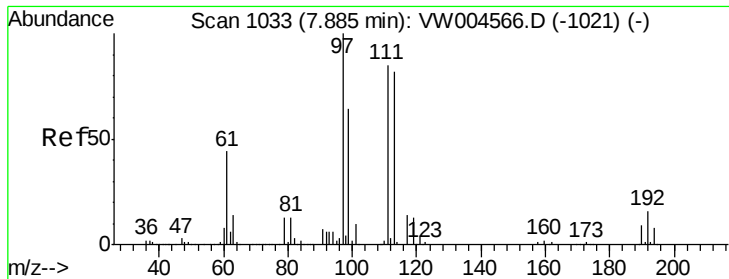


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 46.362 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

Instrument :

MSVOA_W

ClientSampleId :

TP-3

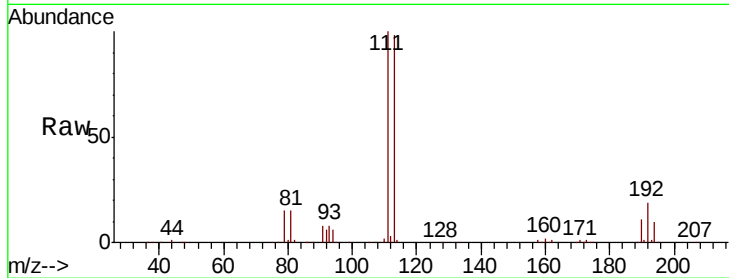
Tot Ion:113 Resp: 336076

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

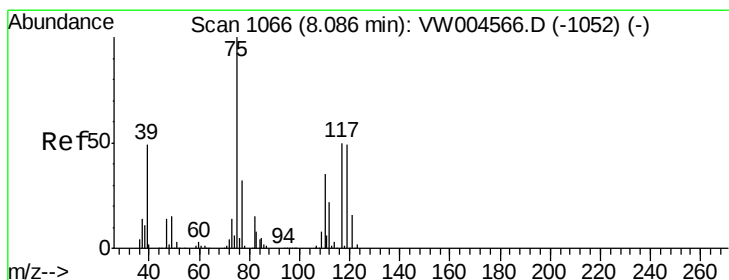
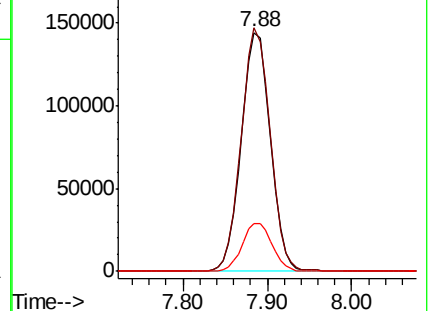
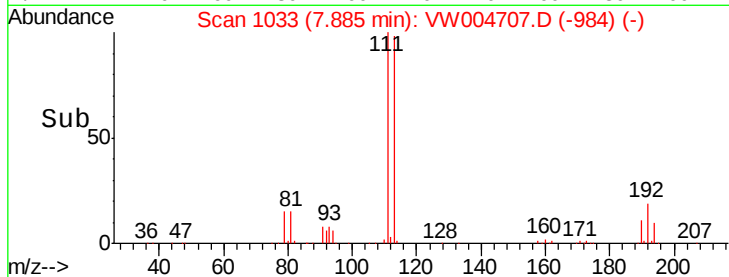
192 20.6 15.8 23.6



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: 4.009 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

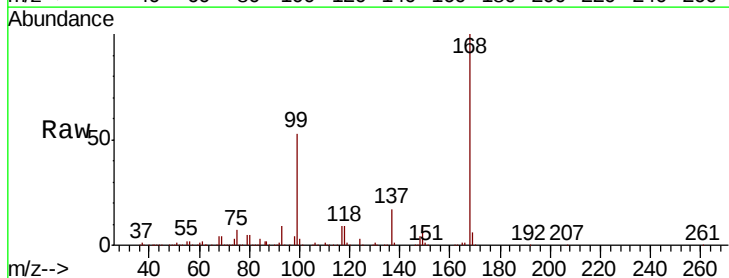
Tgt Ion: 75 Resp: 46929

Ion Ratio Lower Upper

75 100

110 7.8 17.4 52.2#

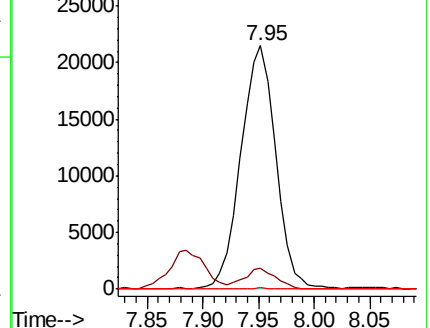
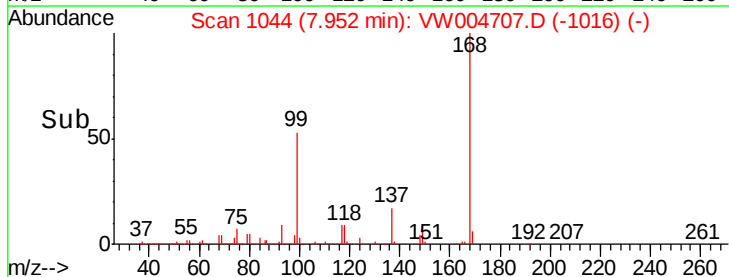
77 0.1 24.7 37.1#

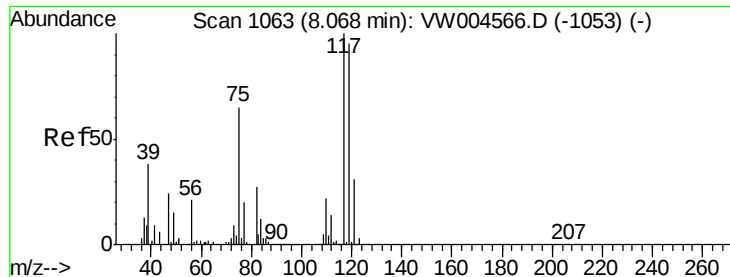


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

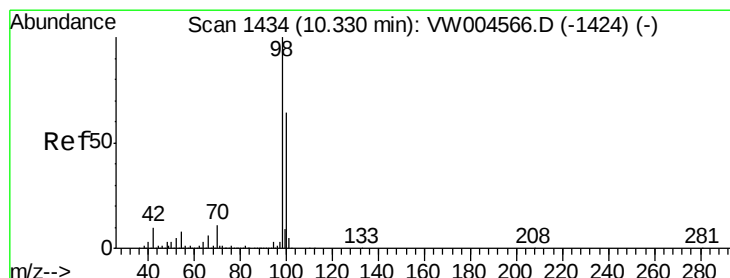
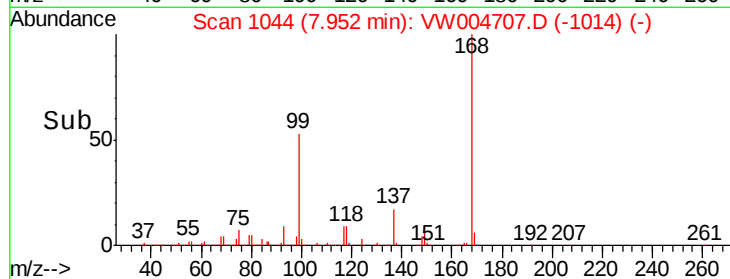
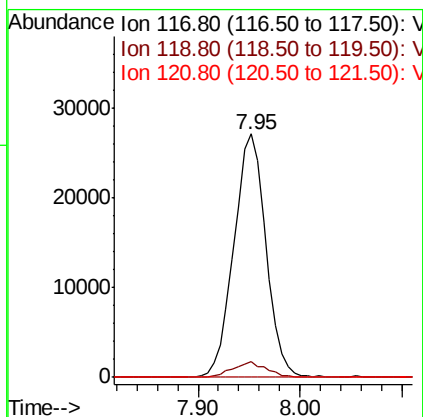
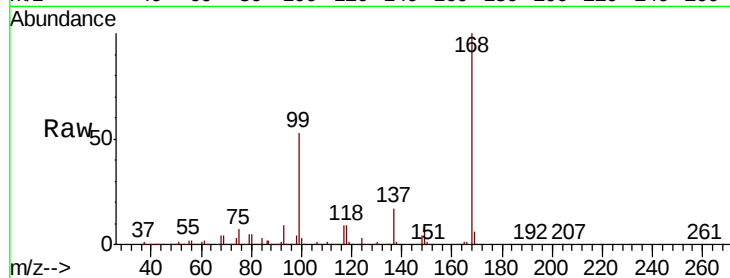




#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

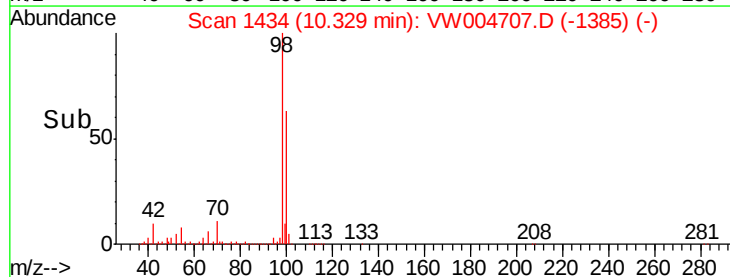
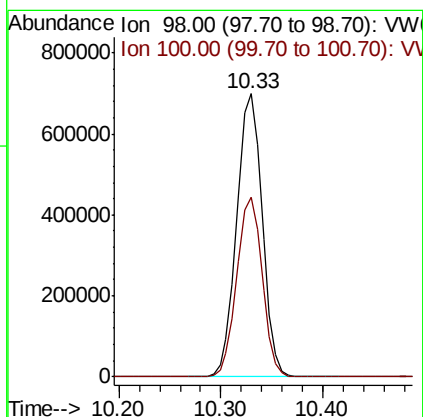
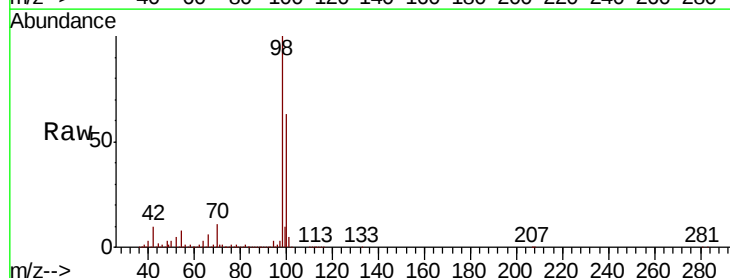
Instrument :
MSVOA_W
ClientSampled :
TP-3

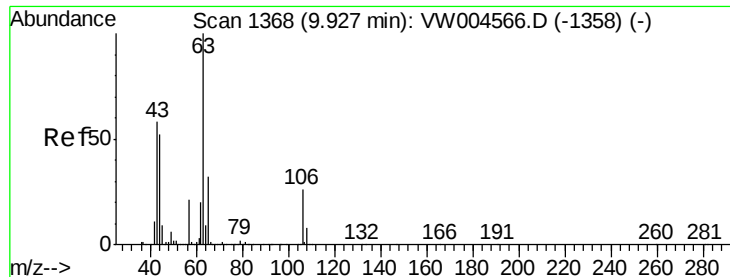
Tot Ion:117 Resp: 59065
Ion Ratio Lower Upper
117 100
119 6.7 76.1 114.1#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 43.725 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

Tgt Ion: 98 Resp: 1208362
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.2

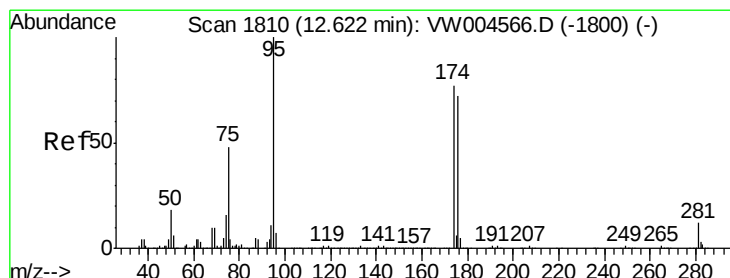
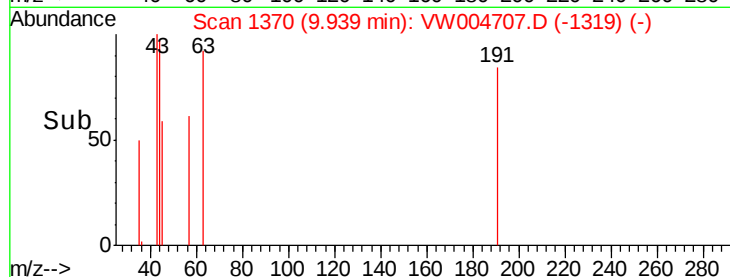
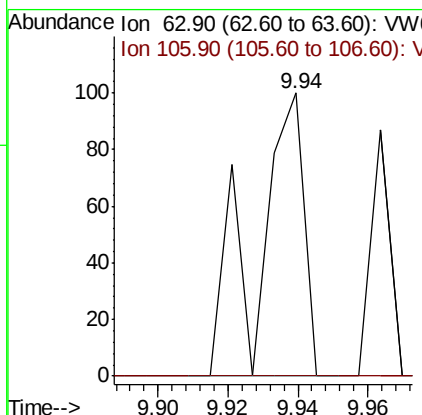
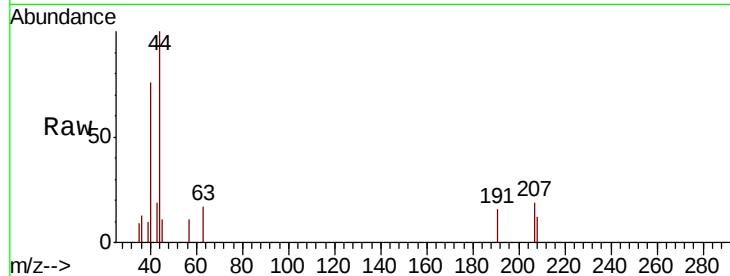




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.967 ug/l
 RT: 9.94 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VW004707.D
 Acq: 15 Aug 2018 20:44

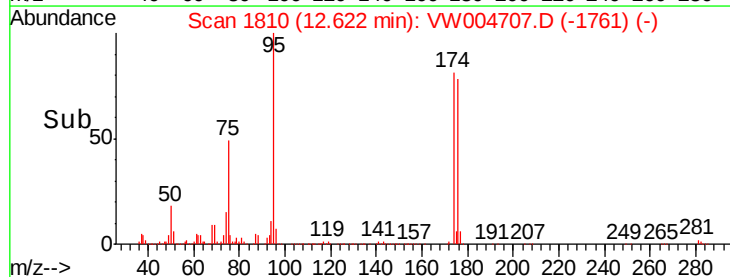
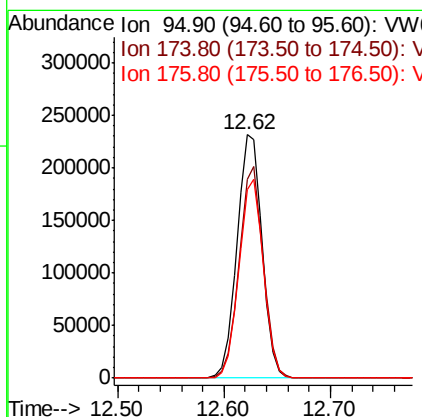
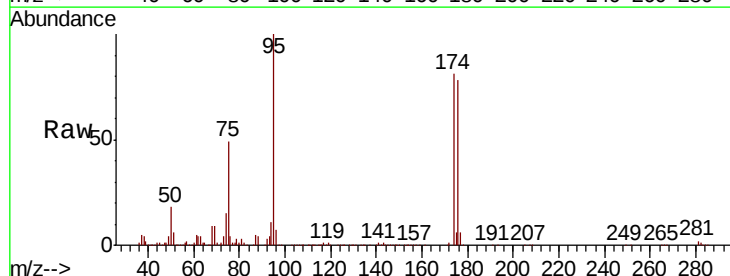
Instrument :
 MSVOA_W
 ClientSampled :
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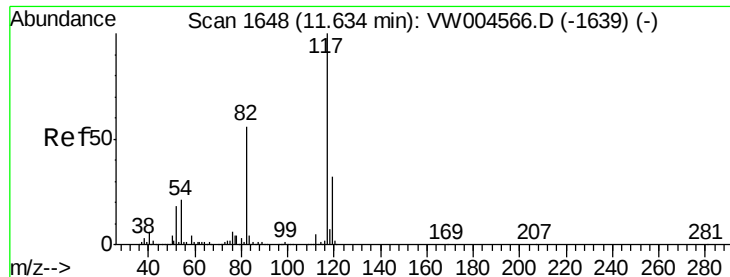
Tot Ion: 63 Resp: 93
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 38.462 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004707.D
 Acq: 15 Aug 2018 20:44

Tgt Ion: 95 Resp: 382881
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 160.4
 176 79.9 0.0 153.2

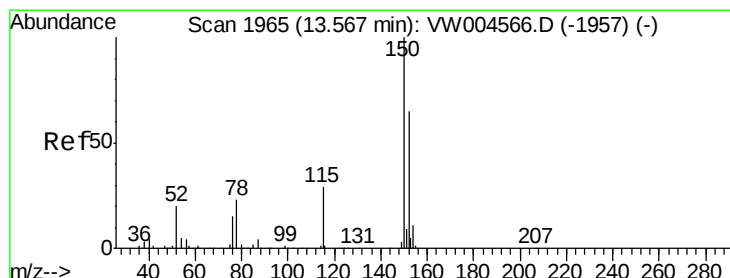
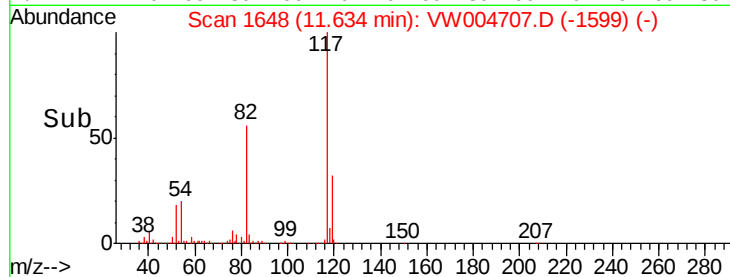
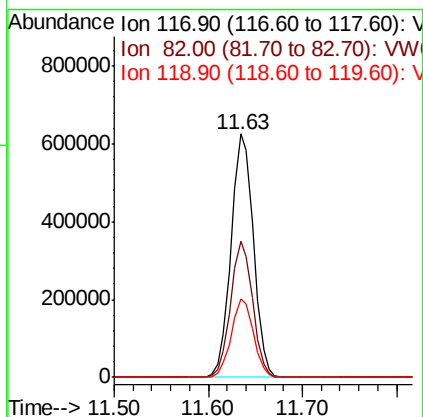
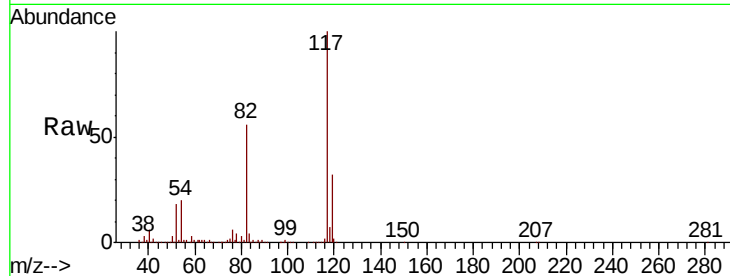




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

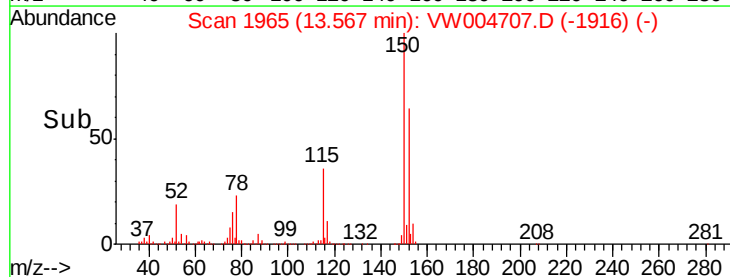
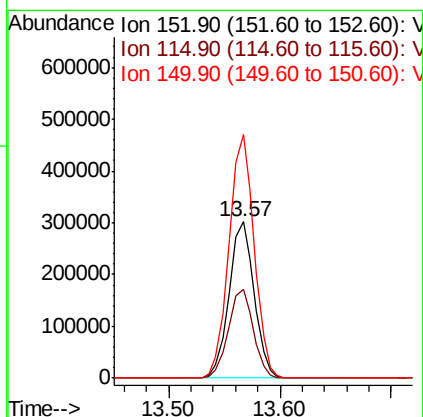
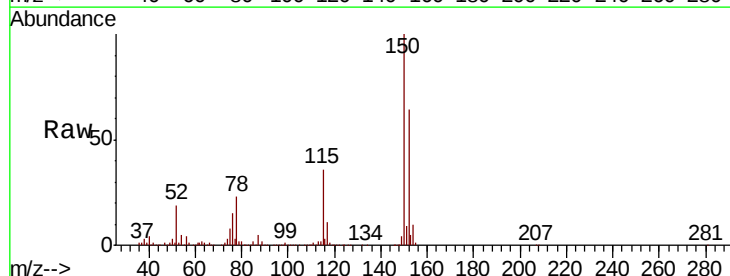
Instrument :
MSVOA_W
ClientSampleId :
TP-3

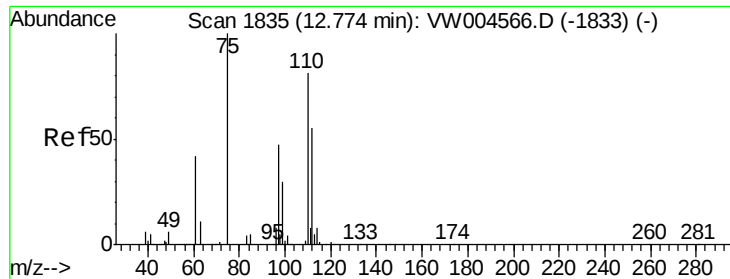
Tot Ion:117 Resp: 1028551
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

Tgt Ion:152 Resp: 468247
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 156.7 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 37.522 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

Instrument :

MSVOA_W

ClientSampleId :

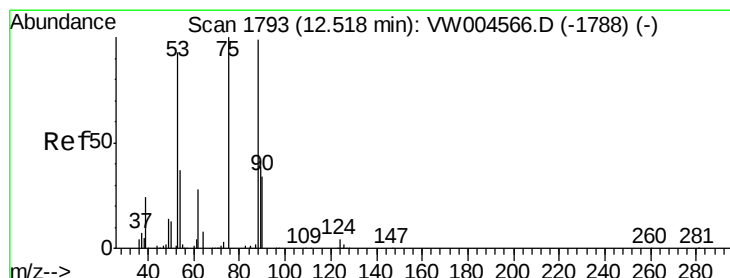
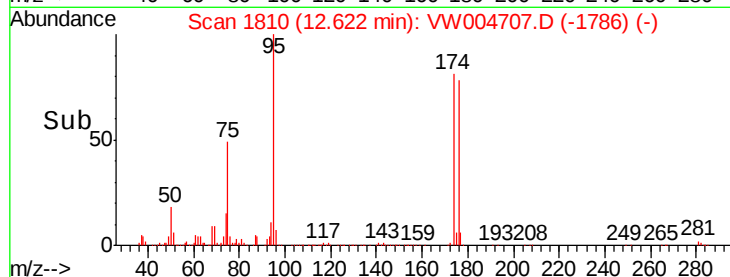
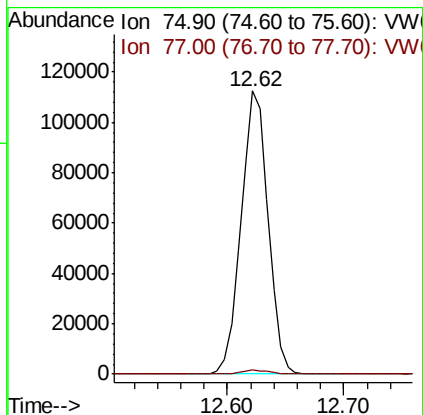
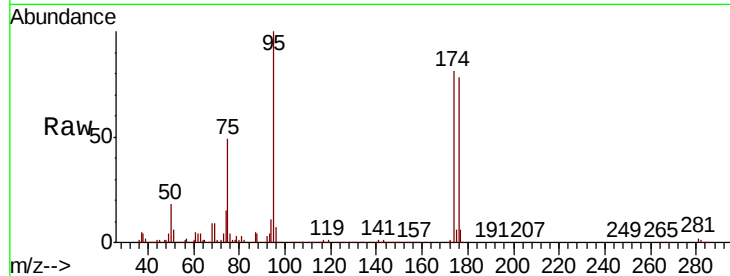
TP-3

Tot Ion: 75 Resp: 181806

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.823 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

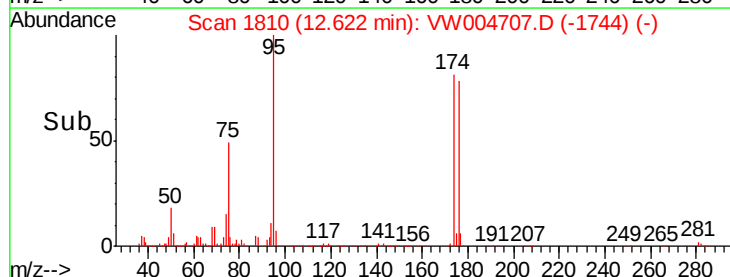
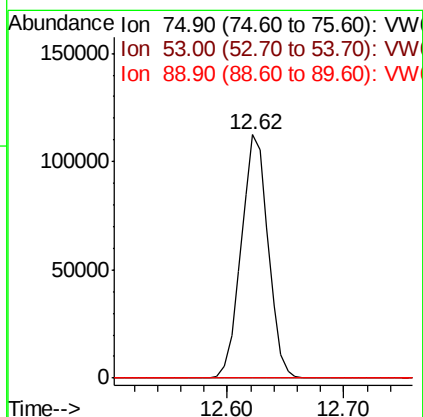
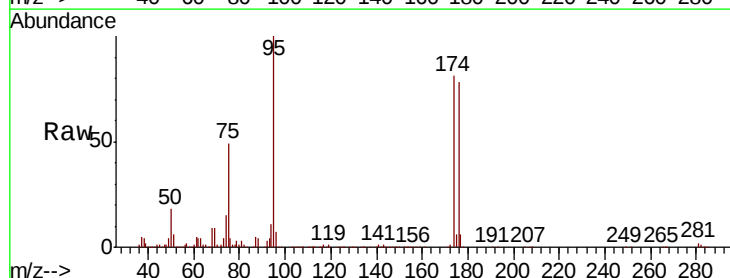
Tgt Ion: 75 Resp: 181806

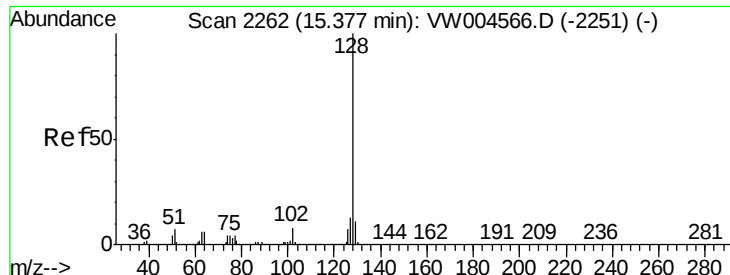
Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 3.004 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

Instrument :

MSVOA_W

ClientSampleId :

TP-3

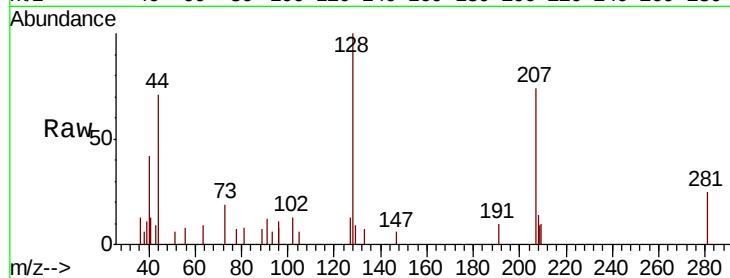
Tot Ion:128 Resp: 1983

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 5.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

