

Data File : VW004856.D
Acq On : 21 Aug 2018 21:37
Operator : SY/AP
Sample : J4574-01
Misc : 7.82G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-03-51-51.5

Quant Time: Aug 22 05:21:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	80231	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
35) Dibromofluoromethane	7.88	113	70440	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.33	98	221056	39.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.16%	
62) 4-Bromofluorobenzene	12.62	95	68866	34.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.56%	

Target Compounds

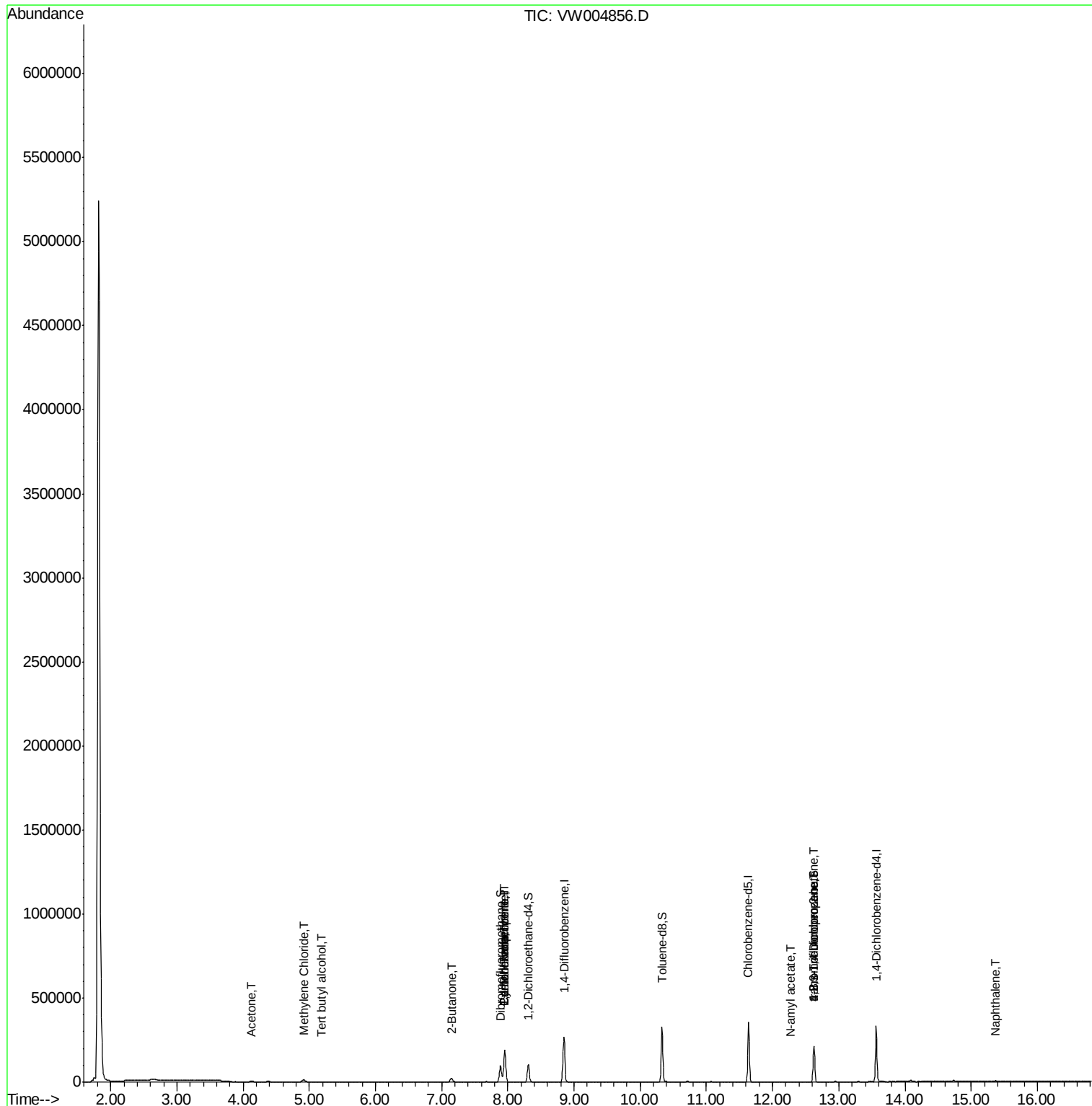
						Qvalue
11) Tert butyl alcohol	5.18	59	202	2.558	ug/l #	72
16) Acetone	4.12	43	7775	21.551	ug/l	99
20) Methylene Chloride	4.92	84	9829	1.807	ug/l	89
25) 2-Butanone	7.15	43	1269	2.469	ug/l #	79
31) Cyclohexane	7.96	56	3013	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10619	4.605	ug/l #	49
38) Carbon Tetrachloride	7.95	117	13789	6.496	ug/l #	17
74) N-amyl acetate	12.27	43	31	4.039	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	32770	40.510	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32770	94.157	ug/l #	14
95) Naphthalene	15.38	128	3769	4.434	ug/l #	90

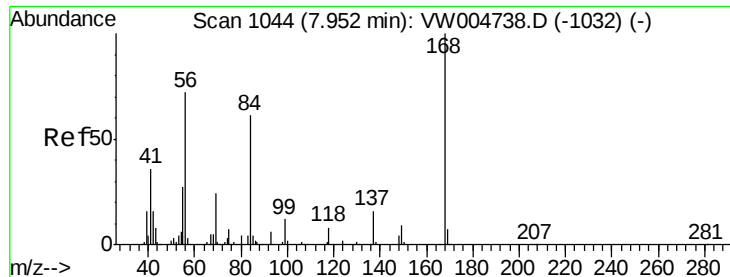
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

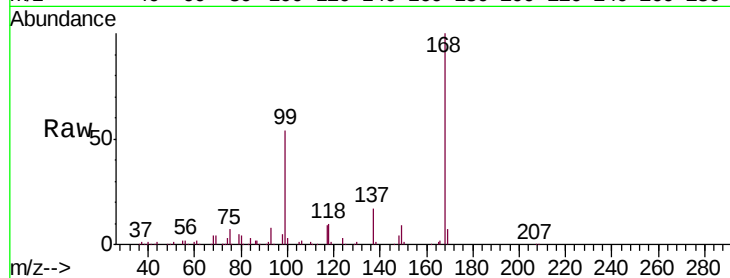
TOD1-SB-03-51-51.5

Tgt Ion:168 Resp: 146178

Ion Ratio Lower Upper

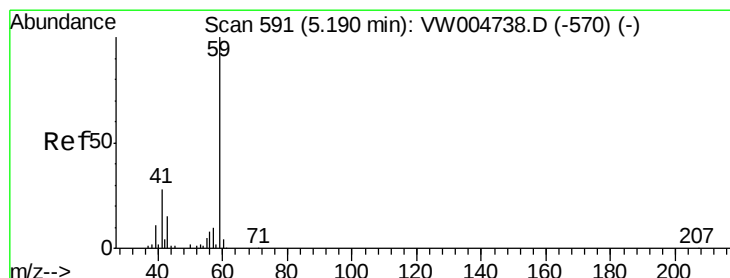
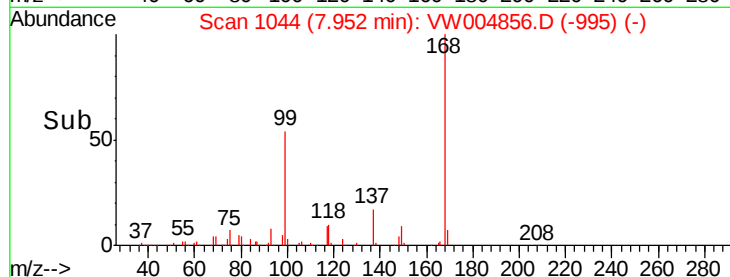
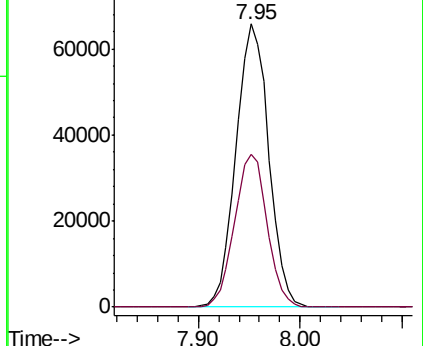
168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.558 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW004856.D

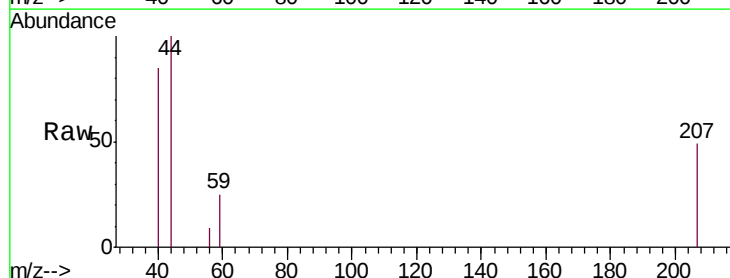
Acq: 21 Aug 2018 21:37

Tgt Ion: 59 Resp: 202

Ion Ratio Lower Upper

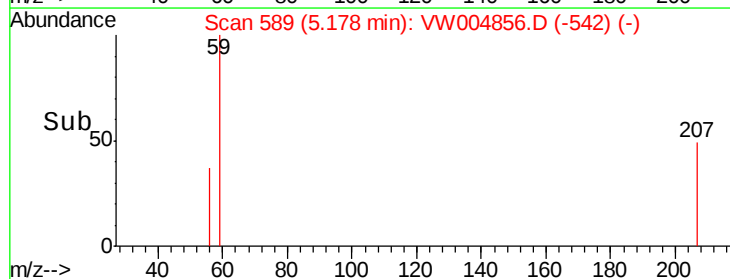
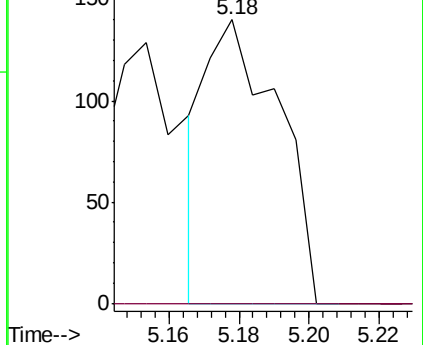
59 100

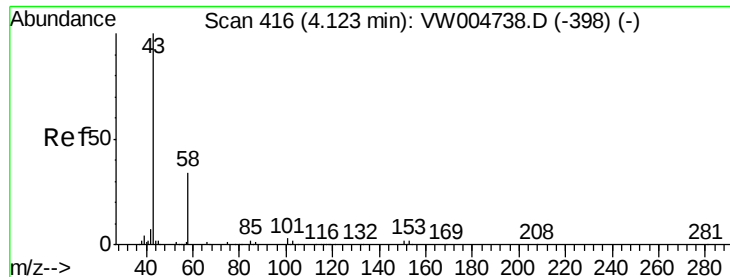
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

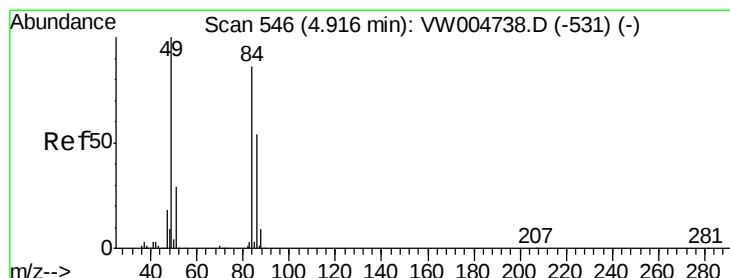
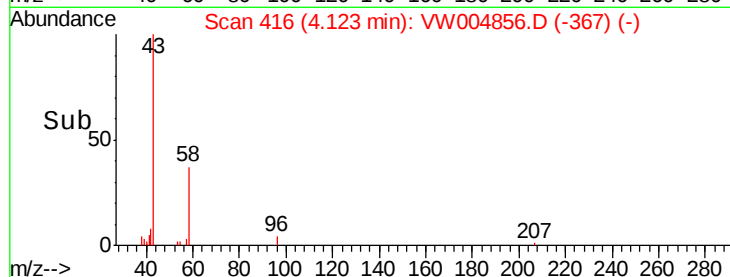
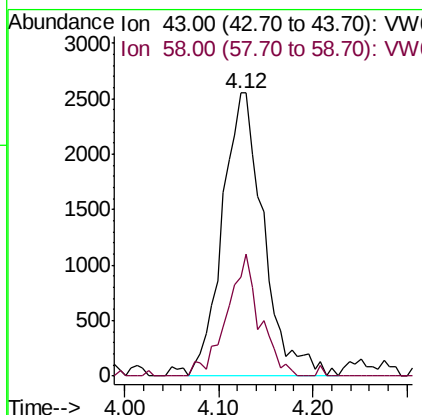
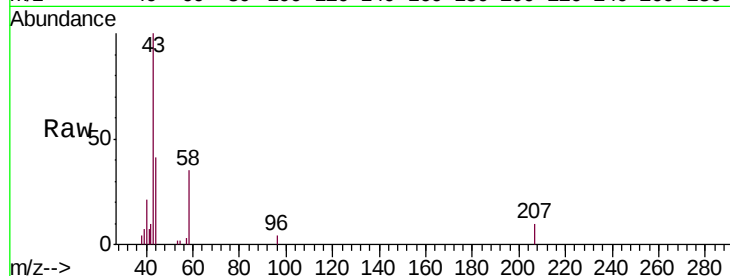




#16
Acetone
Concen: 21.551 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

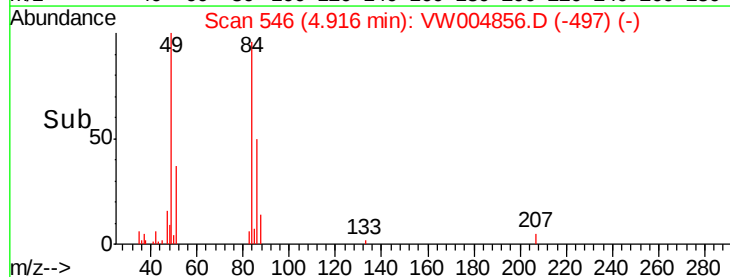
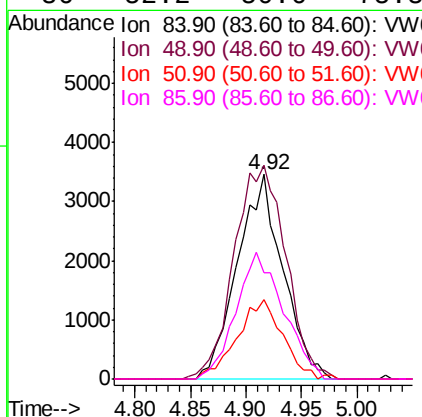
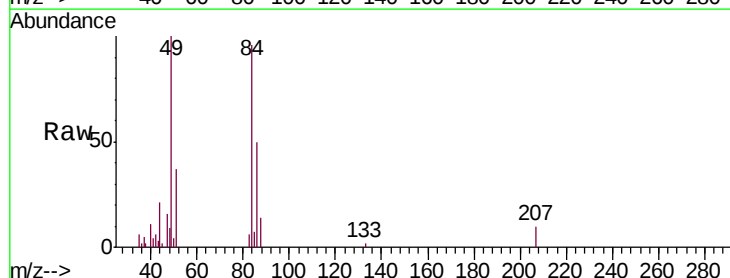
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-03-51-51.5

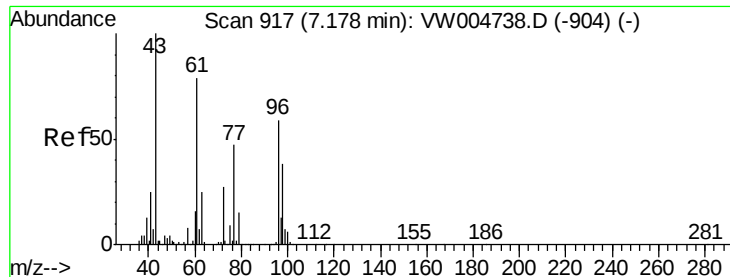
Tgt Ion: 43 Resp: 7775
Ion Ratio Lower Upper
43 100
58 34.9 27.3 40.9



#20
Methylene Chloride
Concen: 1.807 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

Tgt Ion: 84 Resp: 9829
Ion Ratio Lower Upper
84 100
49 104.4 93.2 139.8
51 38.6 27.4 41.0
86 52.2 50.6 75.8





#25

2-Butanone

Concen: 2.469 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

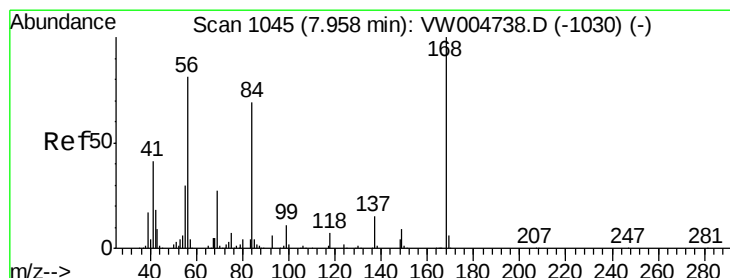
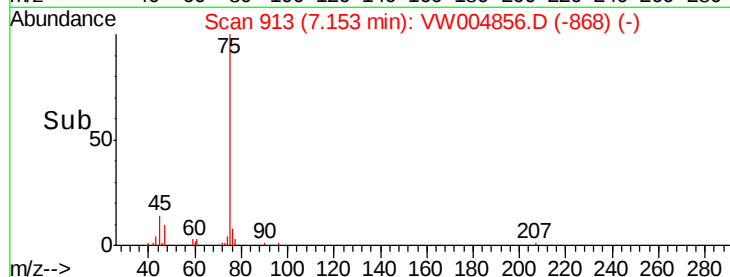
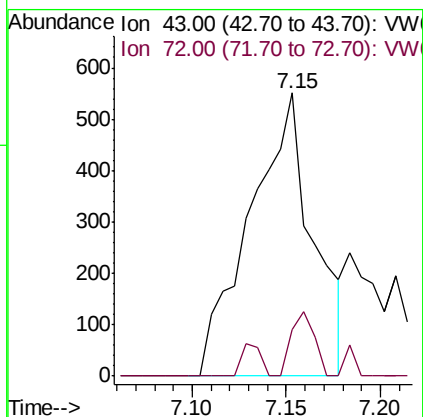
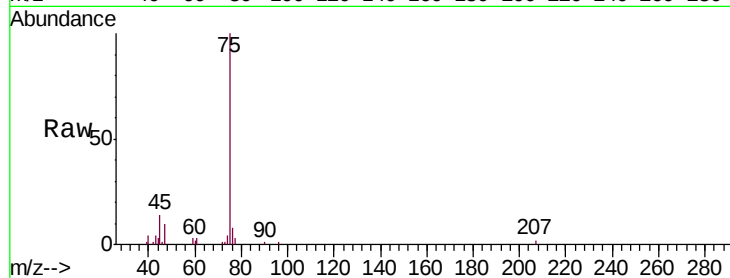
TOD1-SB-03-51-51.5

Tgt Ion: 43 Resp: 1269

Ion Ratio Lower Upper

43 100

72 16.5 22.0 33.0#



#31

Cyclohexane

Concen: 1.091 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

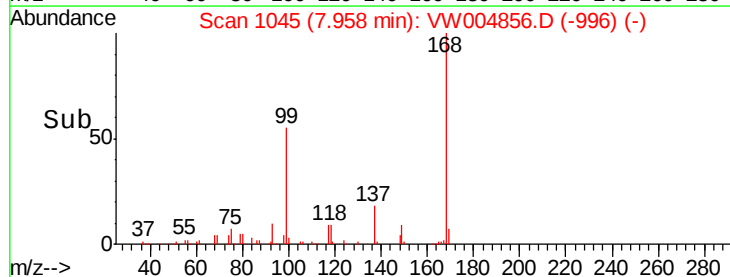
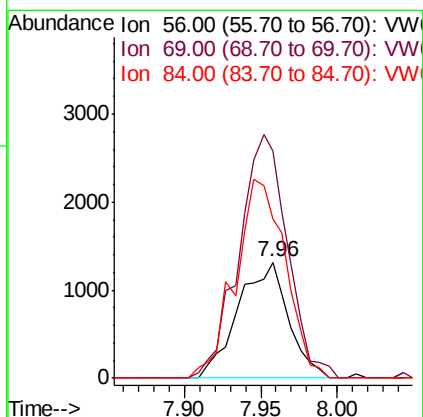
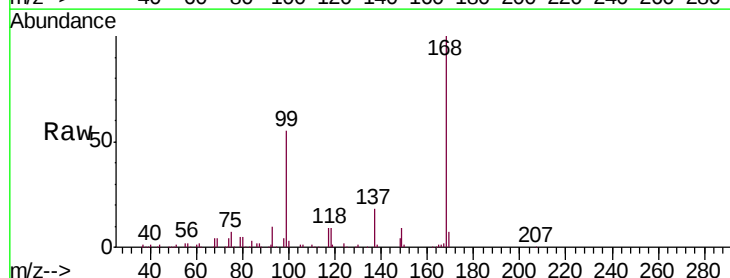
Tgt Ion: 56 Resp: 3013

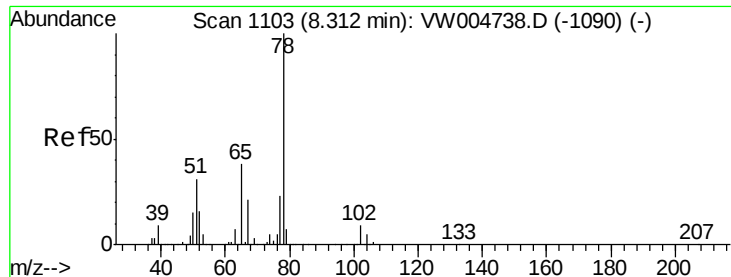
Ion Ratio Lower Upper

56 100

69 195.9 27.1 40.7#

84 137.9 68.3 102.5#

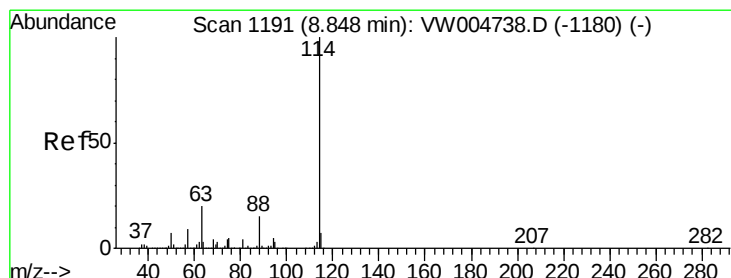
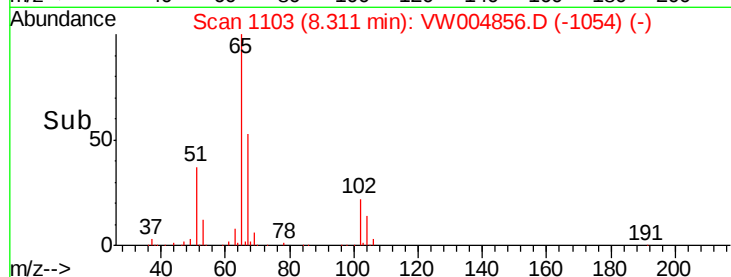
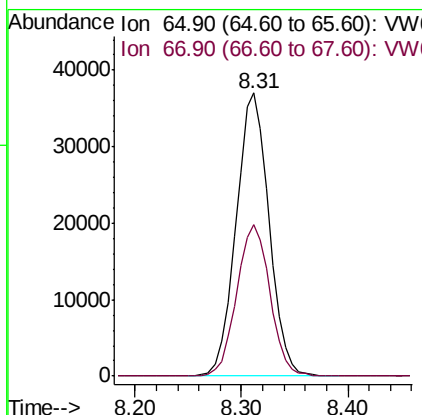
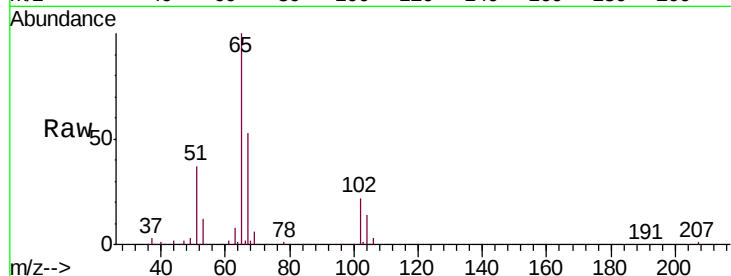




#33
 1,2-Dichloroethane-d4
 Concen: 56.770 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004856.D
 Acq: 21 Aug 2018 21:37

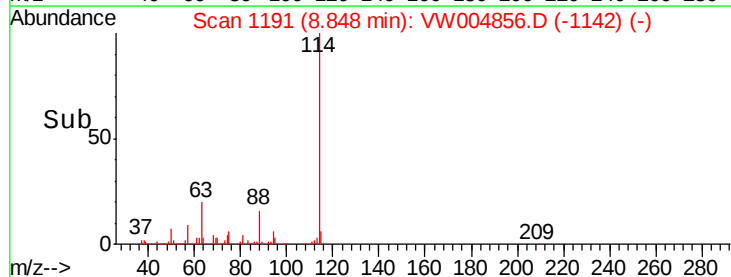
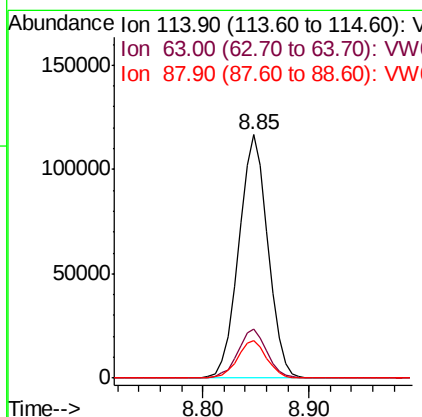
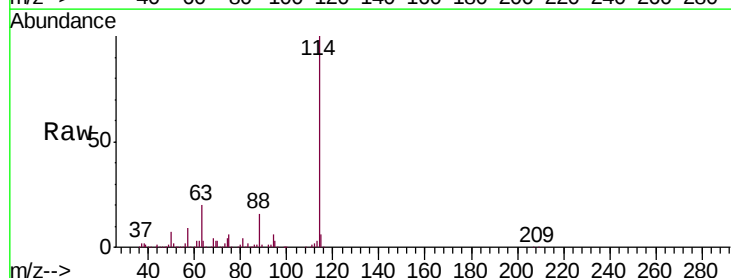
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-03-51-51.5

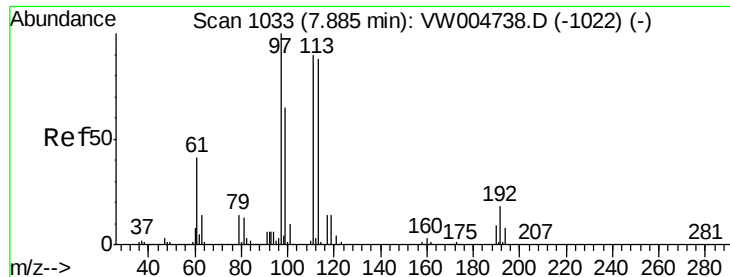
Tgt Ion: 65 Resp: 80231
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004856.D
 Acq: 21 Aug 2018 21:37

Tgt Ion: 114 Resp: 223846
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.236 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-03-51-51.5

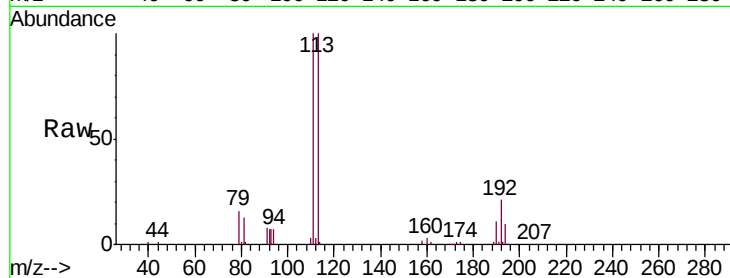
Tgt Ion:113 Resp: 70440

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

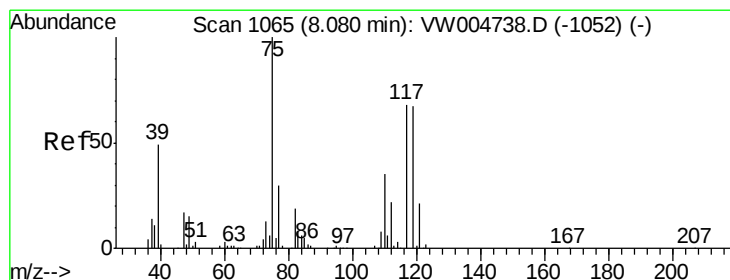
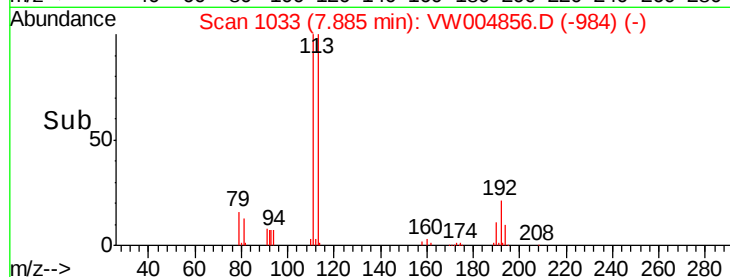
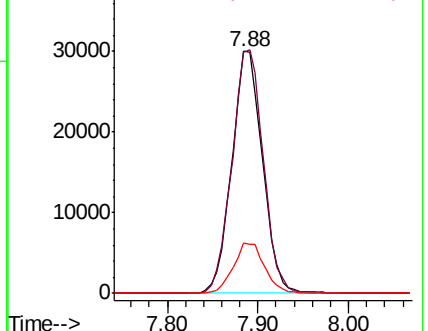
192 21.0 16.7 25.1



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: 4.605 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

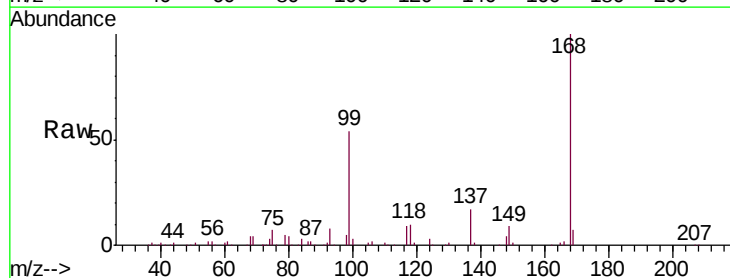
Tgt Ion: 75 Resp: 10619

Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.5#

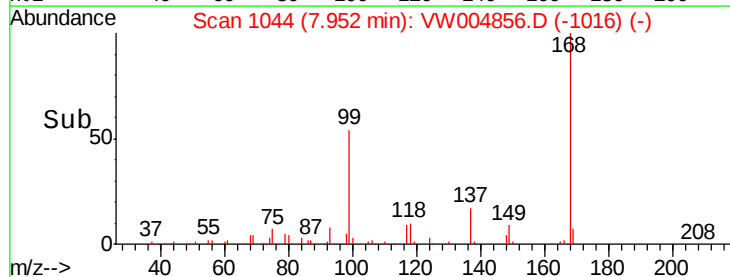
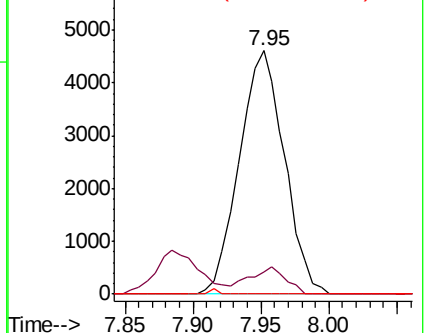
77 0.0 24.9 37.3#

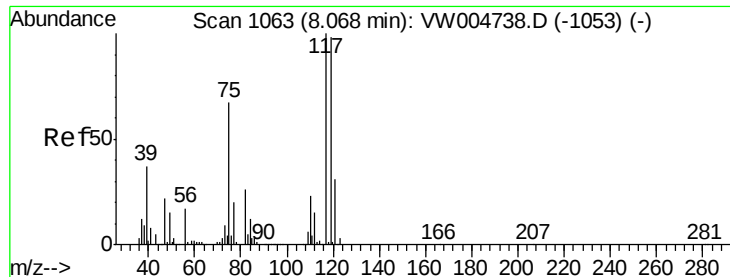


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.496 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004856.D

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TOD1-SB-03-51-51.5

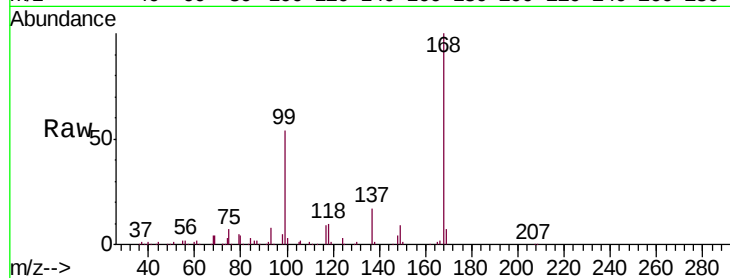
Tgt Ion:117 Resp: 13789

Ion Ratio Lower Upper

117 100

119 7.5 78.0 117.0#

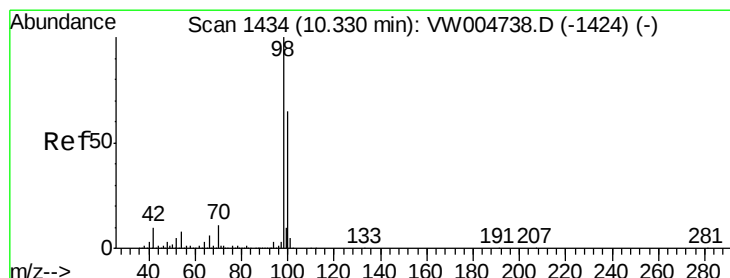
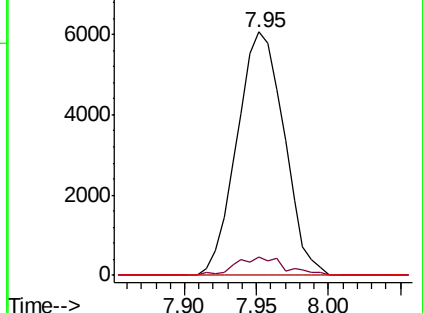
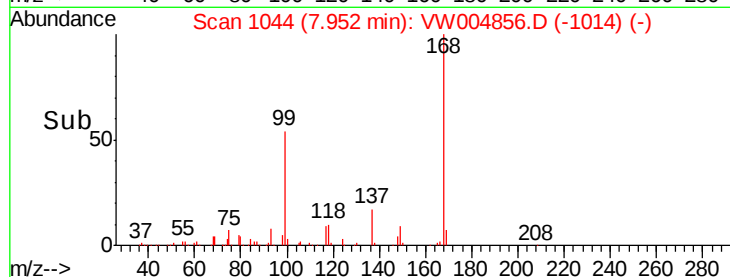
121 0.0 24.8 37.2#



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: 39.582 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004856.D

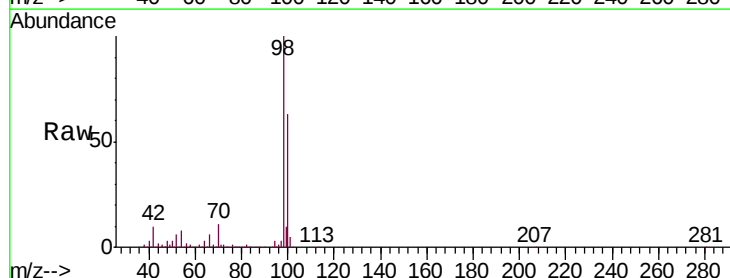
Acq: 21 Aug 2018 21:37

Tgt Ion: 98 Resp: 221056

Ion Ratio Lower Upper

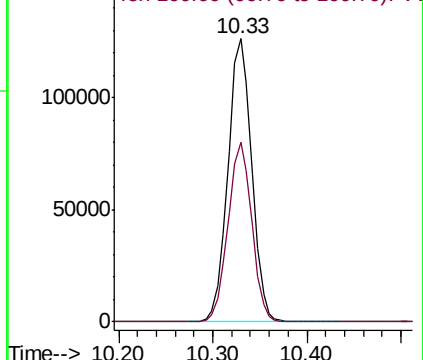
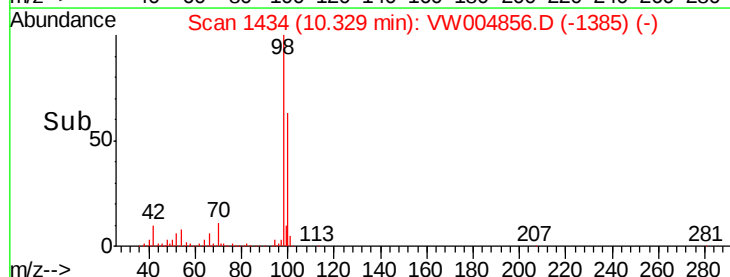
98 100

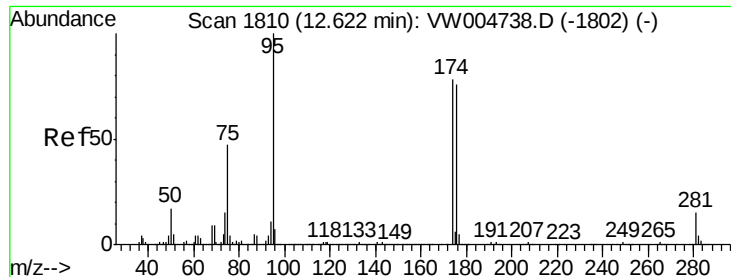
100 63.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

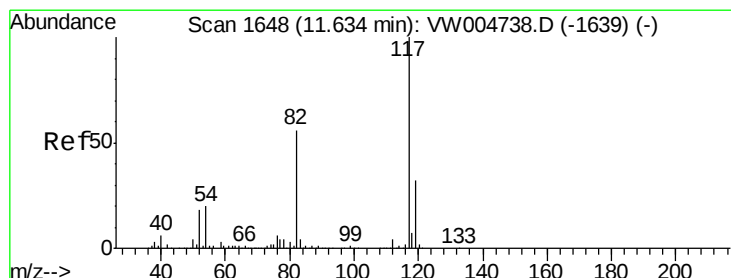
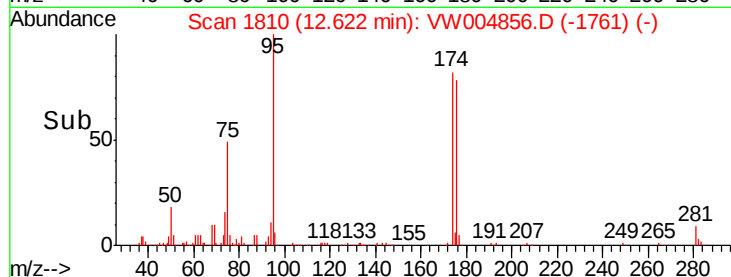
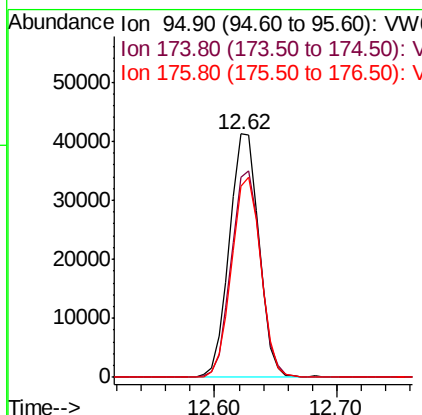
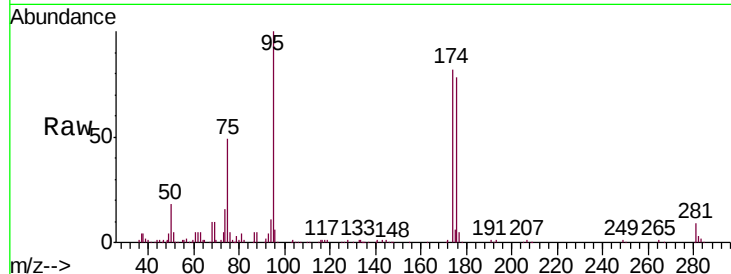




#62
4-Bromofluorobenzene
Concen: 34.276 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

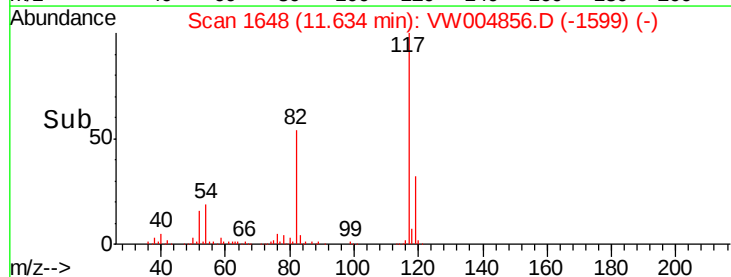
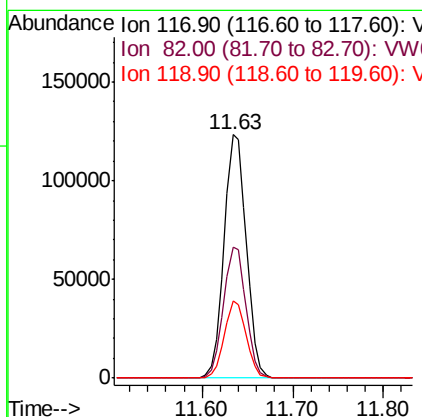
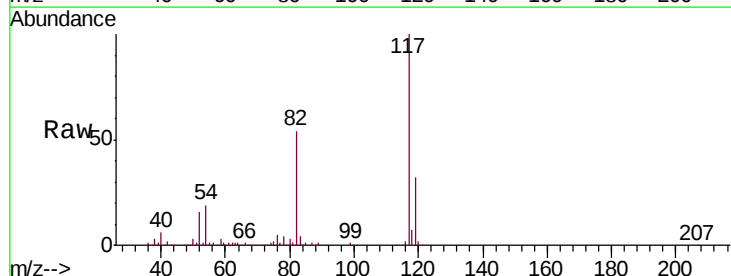
Instrument :
MSVOA_W
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TOD1-SB-03-51-51.5

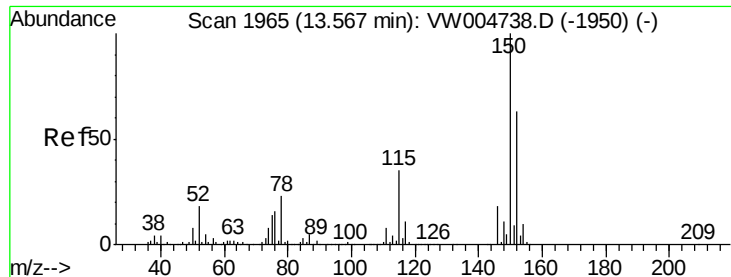
Tgt Ion: 95 Resp: 68866
Ion Ratio Lower Upper
95 100
174 84.4 0.0 165.8
176 81.1 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

Tgt Ion: 117 Resp: 210240
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 31.9 25.6 38.4



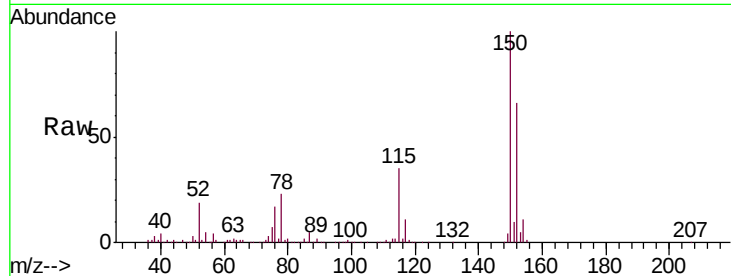


#72

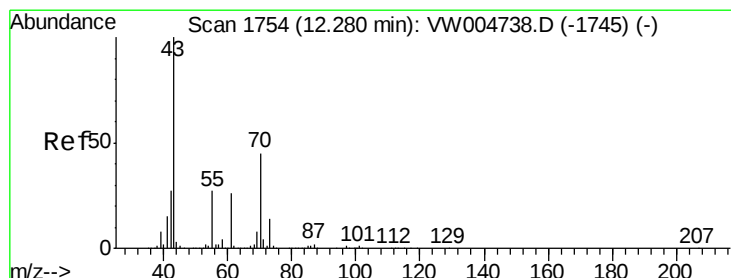
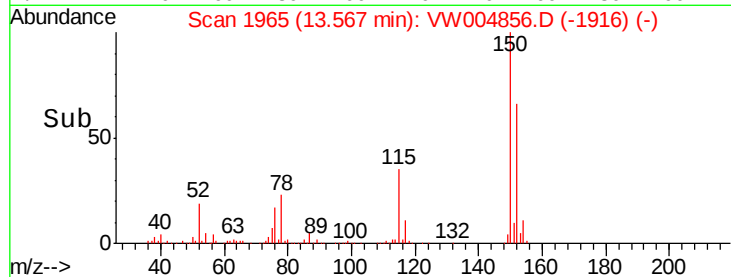
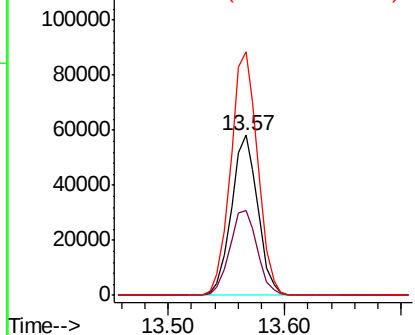
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-03-51-51.5

Tgt Ion:152 Resp: 91765
Ion Ratio Lower Upper
152 100
115 55.2 28.5 85.5
150 155.2 0.0 344.8



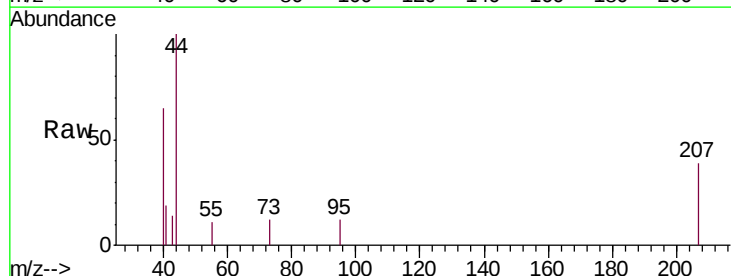
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



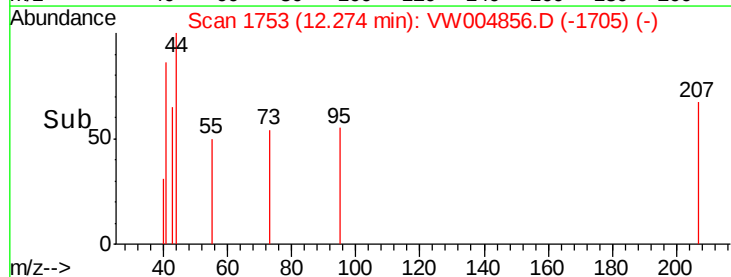
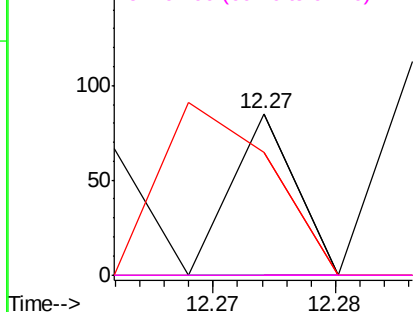
#74

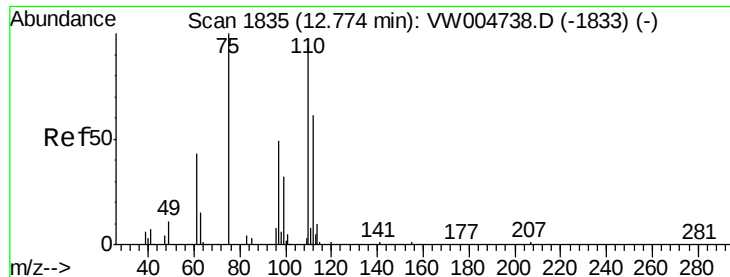
N-ethyl acetate
Concen: 4.039 ug/l
RT: 12.27 min Scan# 1753
Delta R.T. -0.01 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
70 0.0 36.3 54.5#
55 183.9 22.6 33.8#
61 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 40.510 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

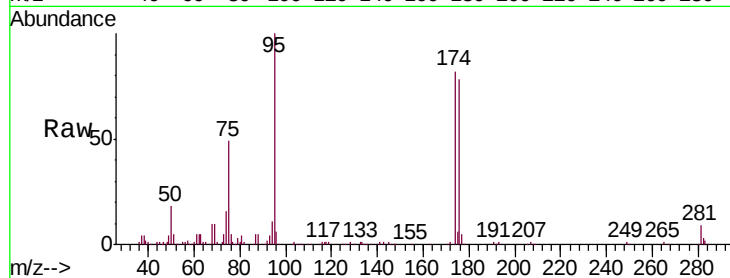
TOD1-SB-03-51-51.5

Tgt Ion: 75 Resp: 32770

Ion Ratio Lower Upper

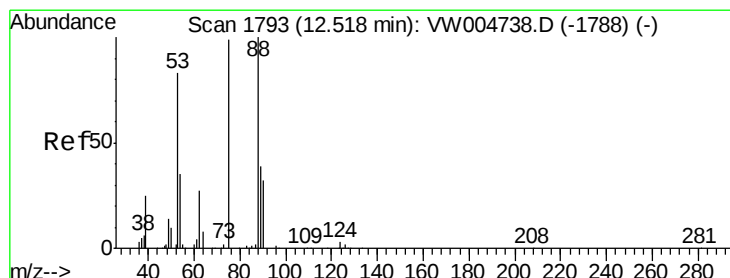
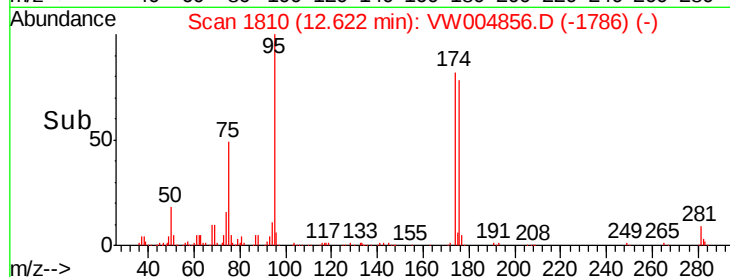
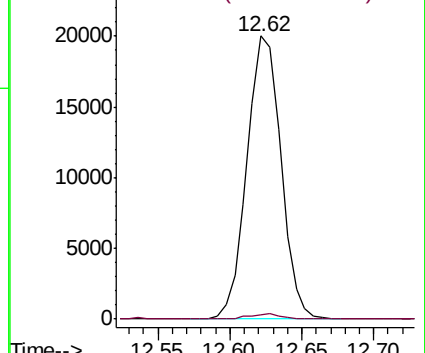
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 94.157 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

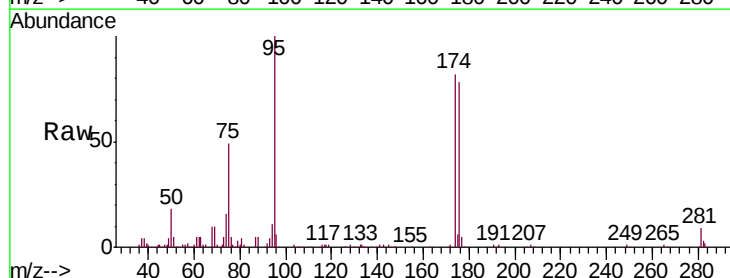
Tgt Ion: 75 Resp: 32770

Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

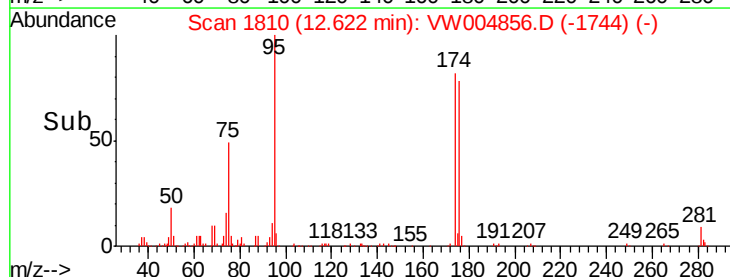
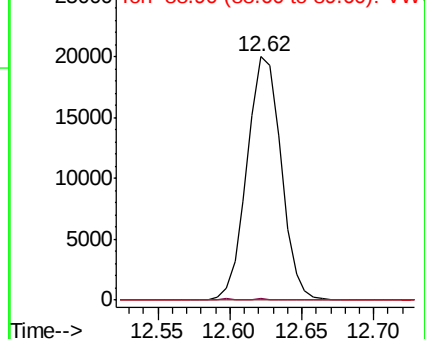
89 0.0 35.2 52.8#

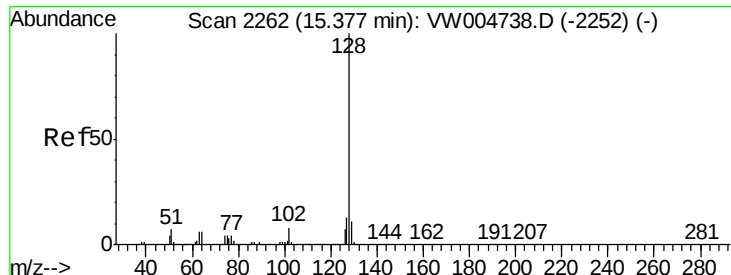


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 4.434 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004856.D

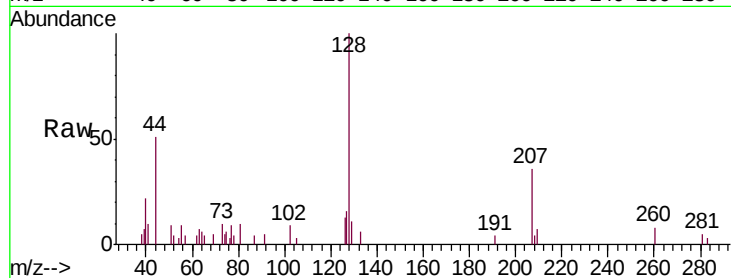
Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-03-51-51.5



Tgt Ion:	128	Resp:	3769
Ion	Ratio	Lower	Upper
128	100		
127	19.5	10.4	15.6#
129	11.6	8.6	13.0

