

Data File : VW004842.D
Acq On : 21 Aug 2018 15:36
Operator : SY/AP
Sample : J4282-09
Misc : 13.26G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-04-081718

Quant Time: Aug 22 05:18:07 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	324584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	520414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189696	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	204936	65.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.62%	
35) Dibromofluoromethane	7.89	113	192794	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	
50) Toluene-d8	10.33	98	616019	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.62	95	190644	40.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.62%	

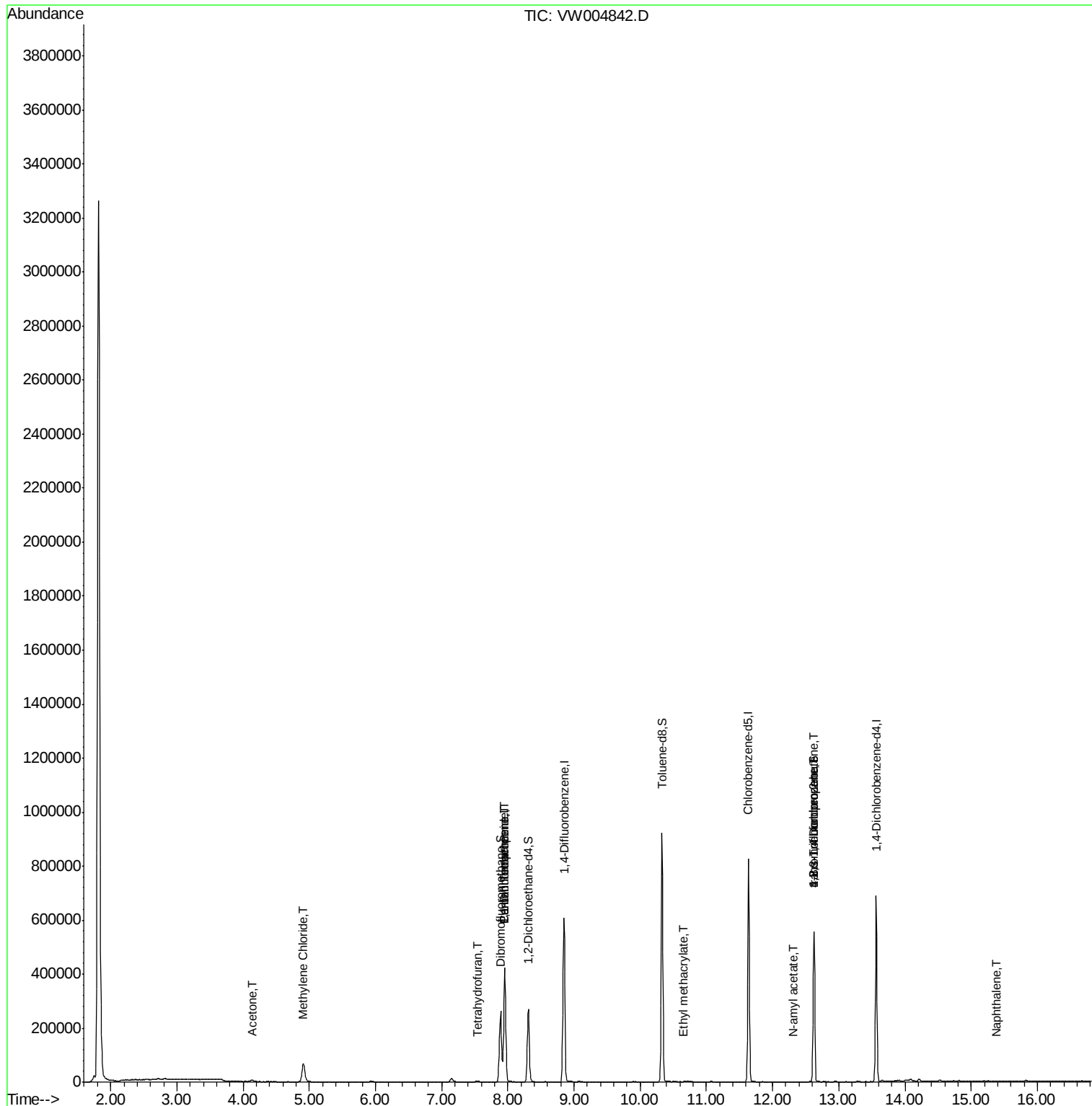
Target Compounds				Qvalue		
16) Acetone	4.13	43	9437	11.780	ug/l	92
20) Methylene Chloride	4.91	84	53141	11.178	ug/l	98
29) Tetrahydrofuran	7.54	42	1449	2.490	ug/l	92
36) 1,1-Dichloropropene	7.95	75	23628	4.407	ug/l #	49
38) Carbon Tetrachloride	7.95	117	29775	6.033	ug/l #	16
56) Ethyl methacrylate	10.64	69	86	3.003	ug/l #	1
74) N-amyl acetate	12.31	43	67	4.039	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	88907	53.167	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88907	123.575	ug/l #	14
95) Naphthalene	15.38	128	985	3.625	ug/l #	69

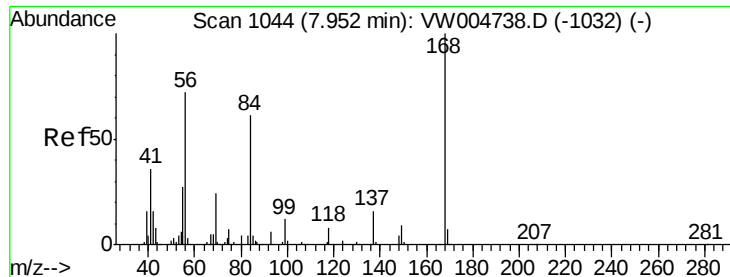
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004842.D

Acq: 21 Aug 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

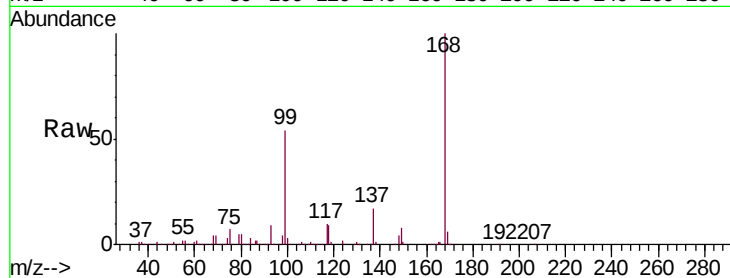
SU-04-081718

Tgt Ion:168 Resp: 324584

Ion Ratio Lower Upper

168 100

99 53.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

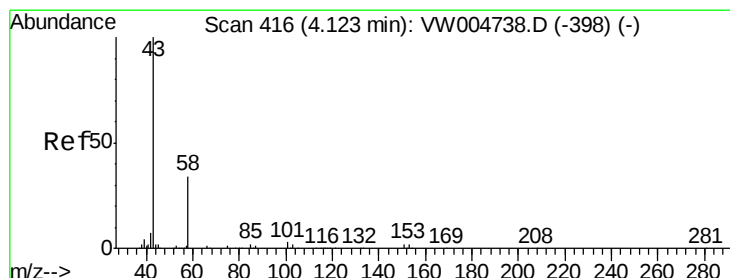
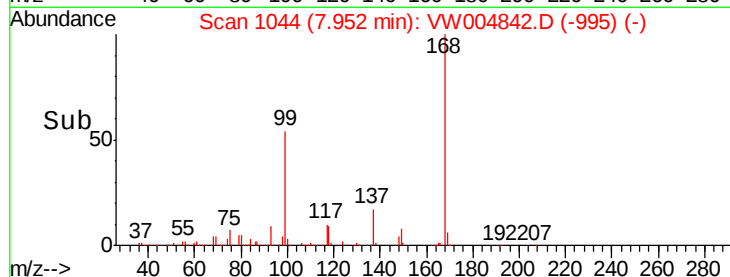
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 11.780 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004842.D

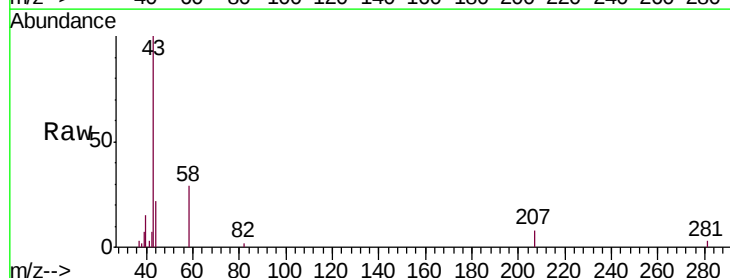
Acq: 21 Aug 2018 15:36

Tgt Ion: 43 Resp: 9437

Ion Ratio Lower Upper

43 100

58 29.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

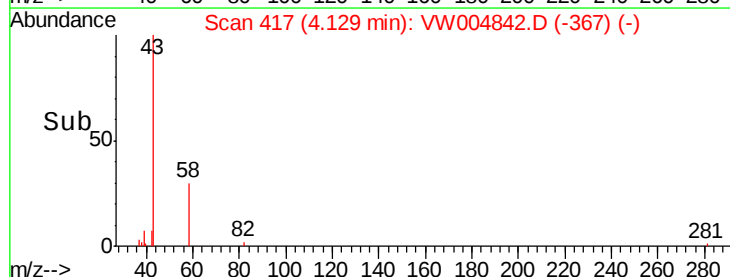
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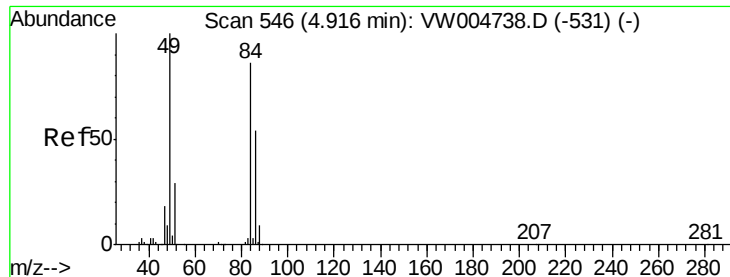
2000

1000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 11.178 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SU-04-081718

Tgt Ion: 84 Resp: 53141

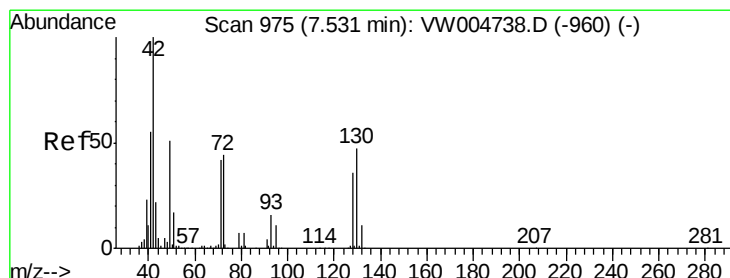
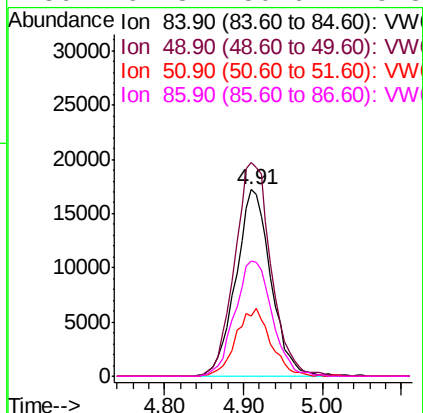
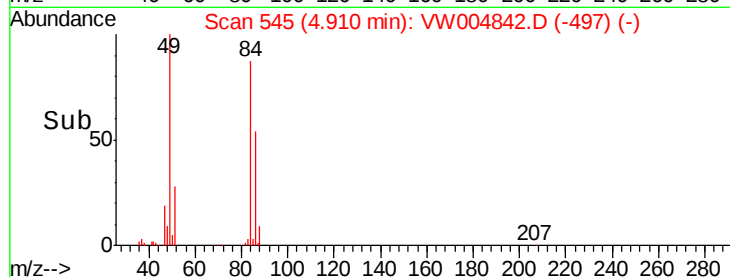
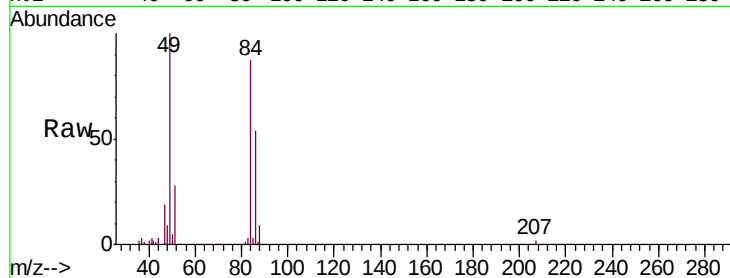
Ion Ratio Lower Upper

84 100

49 114.5 93.2 139.8

51 32.4 27.4 41.0

86 61.8 50.6 75.8



#29

Tetrahydrofuran

Concen: 2.490 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

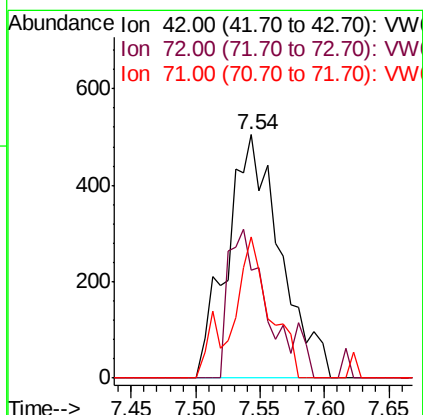
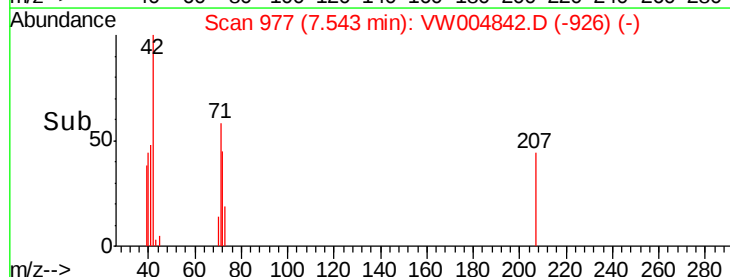
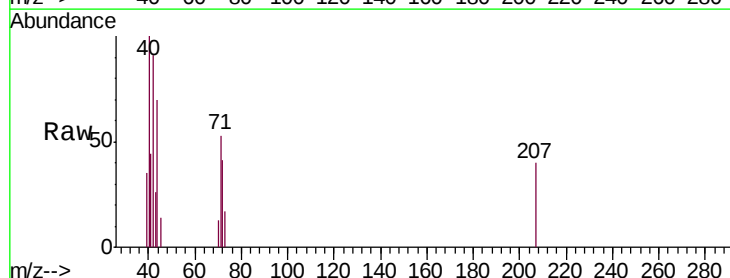
Tgt Ion: 42 Resp: 1449

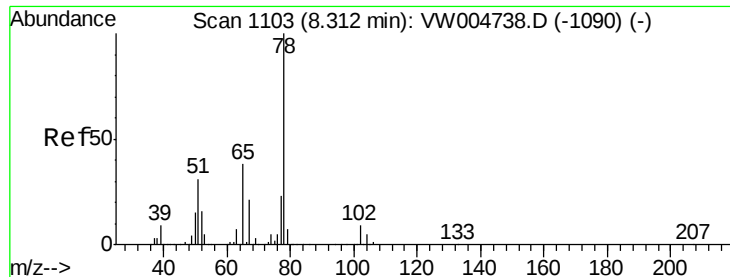
Ion Ratio Lower Upper

42 100

72 46.6 34.9 52.3

71 35.0 33.8 50.6

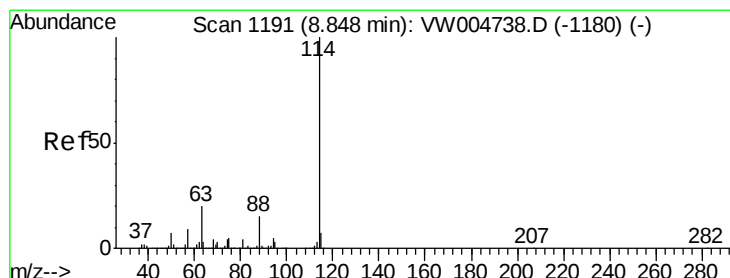
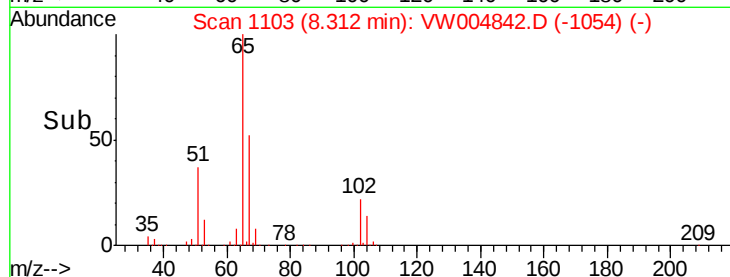
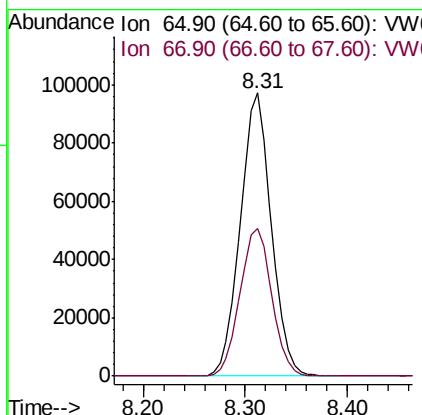
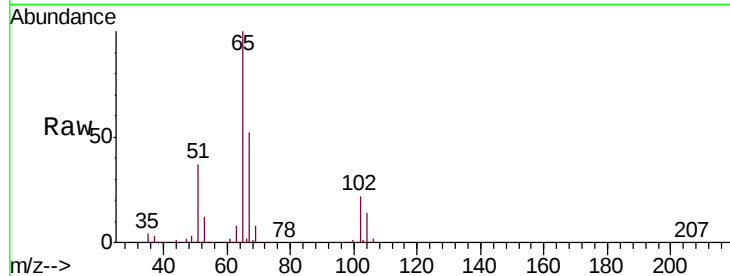




#33
 1,2-Dichloroethane-d4
 Concen: 65.306 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004842.D
 Acq: 21 Aug 2018 15:36

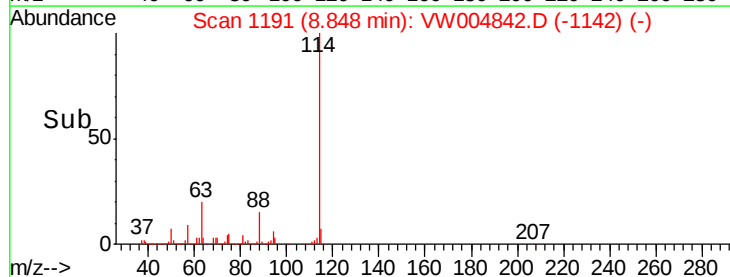
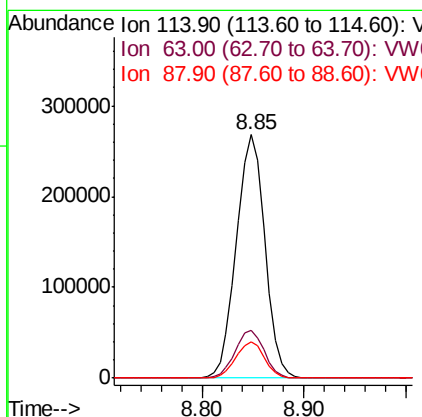
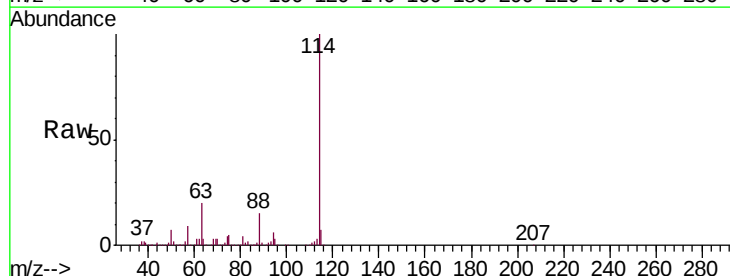
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-081718

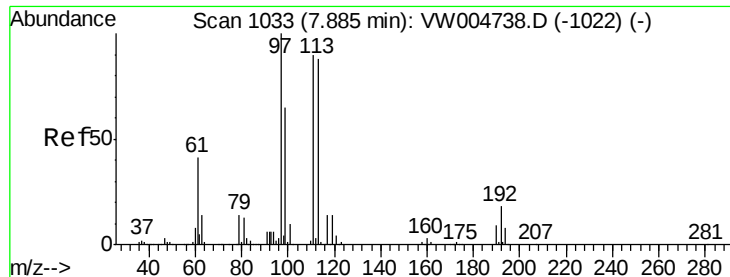
Tgt Ion: 65 Resp: 204936
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004842.D
 Acq: 21 Aug 2018 15:36

Tgt Ion: 114 Resp: 520414
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 14.8 0.0 30.0

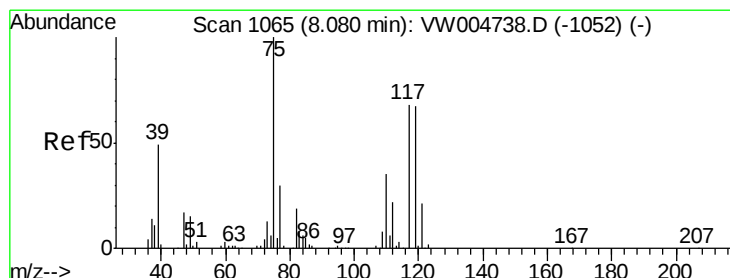
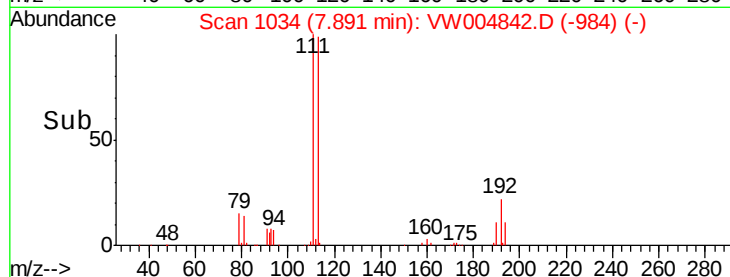
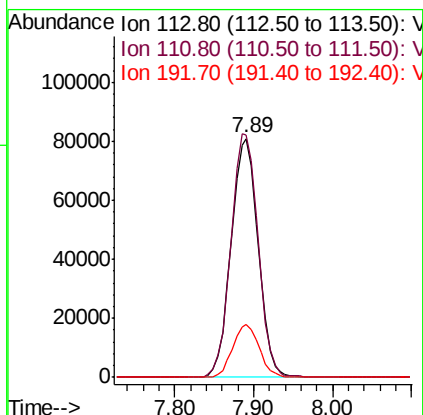
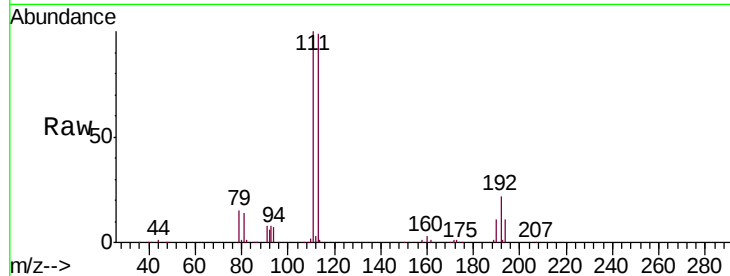




#35
 Dibromofluoromethane
 Concen: 57.963 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004842.D
 Acq: 21 Aug 2018 15:36

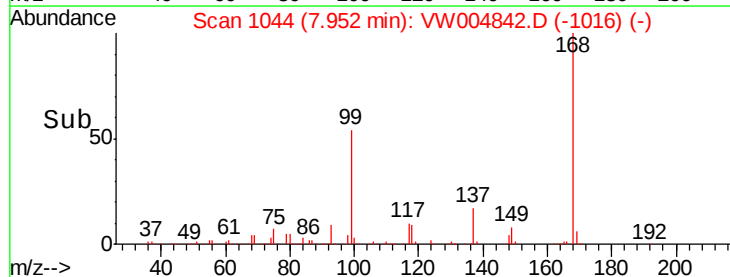
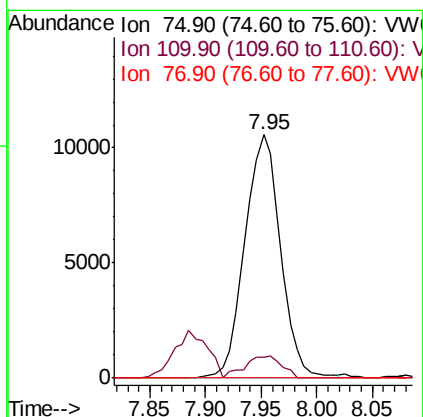
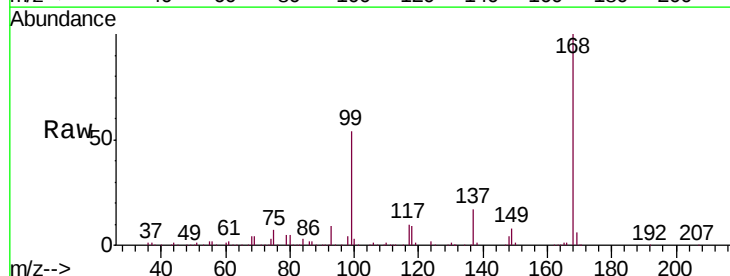
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-081718

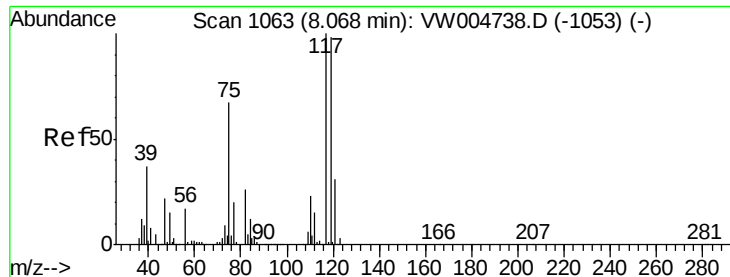
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	21.6	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.407 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004842.D
 Acq: 21 Aug 2018 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.8	53.5#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.033 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SU-04-081718

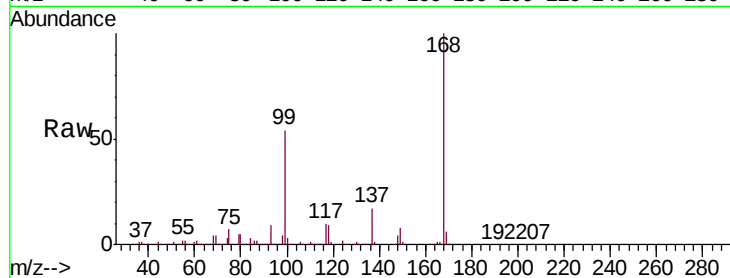
Tgt Ion:117 Resp: 29775

Ion Ratio Lower Upper

117 100

119 6.5 78.0 117.0#

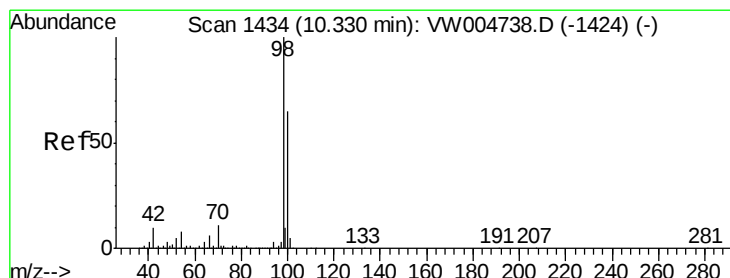
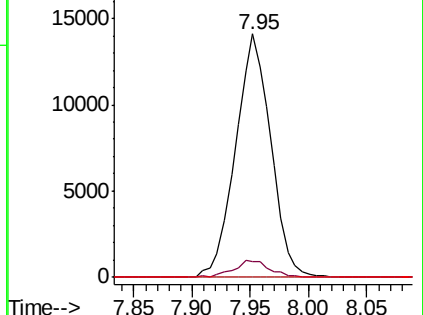
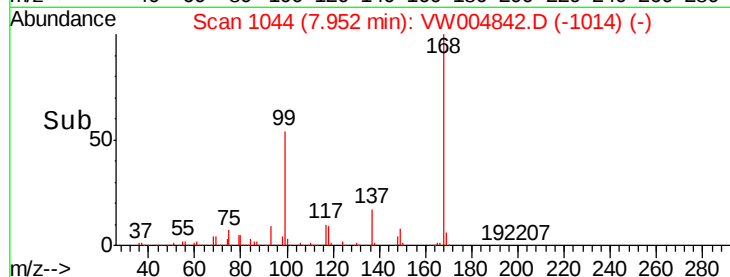
121 0.0 24.8 37.2#



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: 47.445 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004842.D

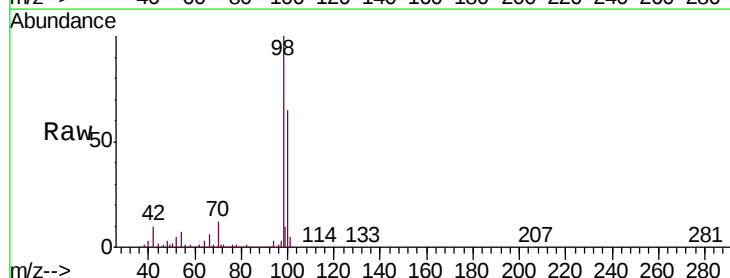
Acq: 21 Aug 2018 15:36

Tgt Ion: 98 Resp: 616019

Ion Ratio Lower Upper

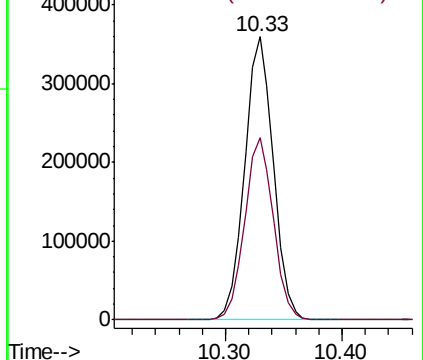
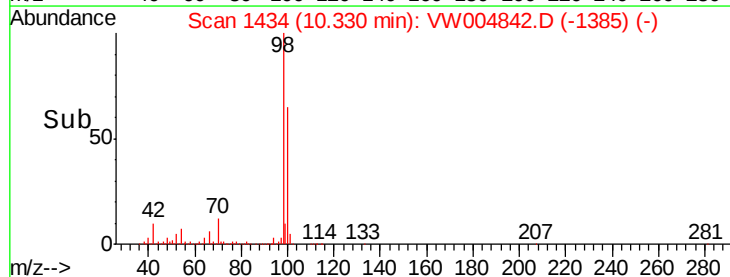
98 100

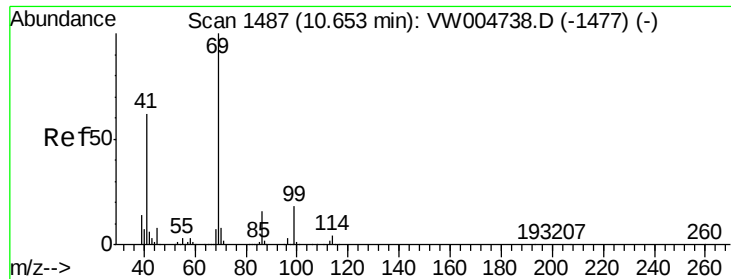
100 64.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.003 ug/l

RT: 10.64 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SU-04-081718

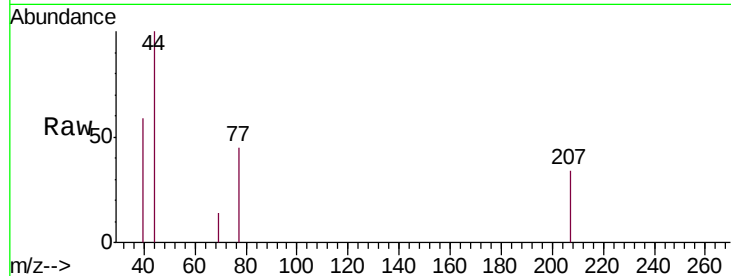
Tgt Ion: 69 Resp: 86

Ion Ratio Lower Upper

69 100

41 233.7 50.7 76.1#

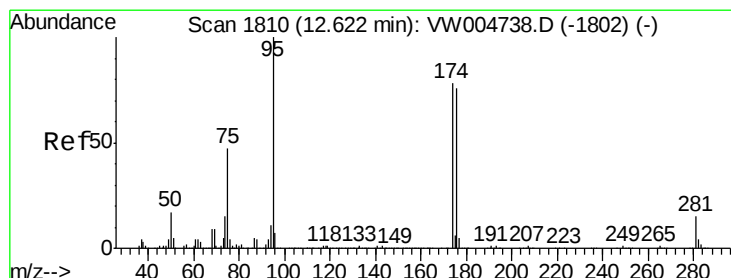
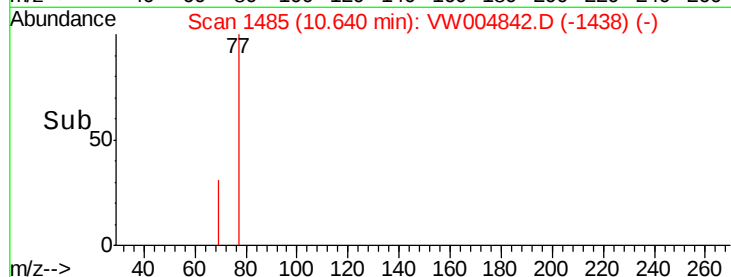
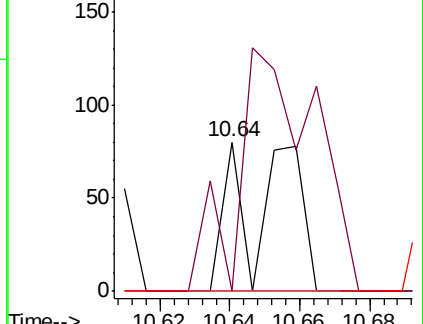
39 0.0 21.4 32.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 40.813 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

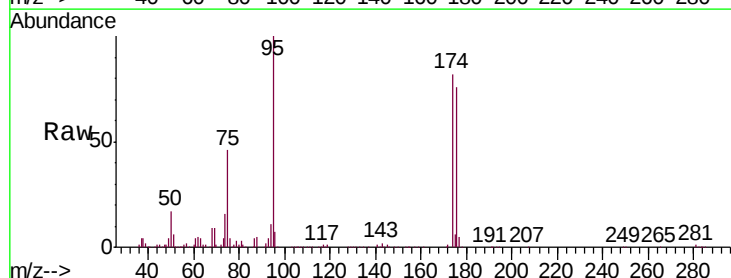
Tgt Ion: 95 Resp: 190644

Ion Ratio Lower Upper

95 100

174 85.9 0.0 165.8

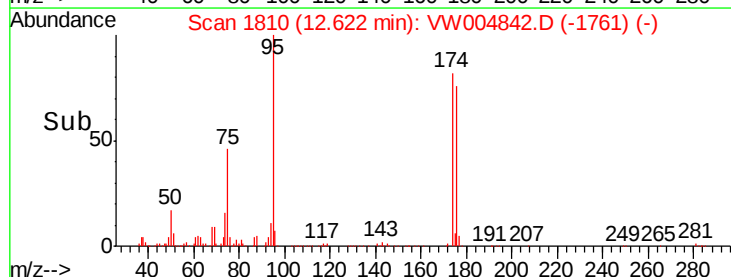
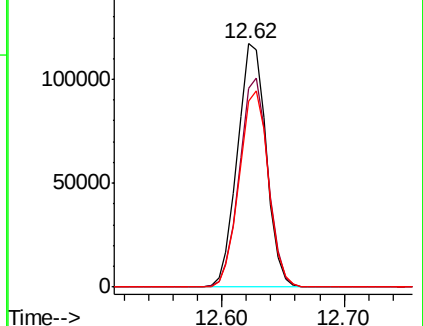
176 81.8 0.0 159.8

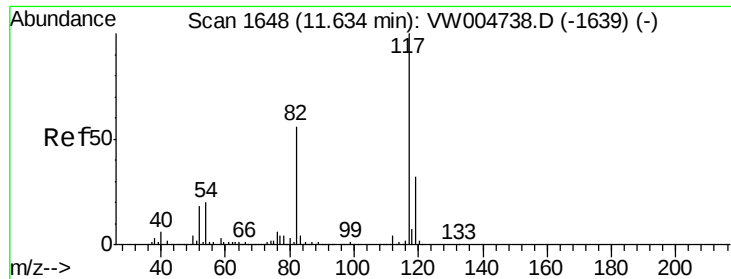


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

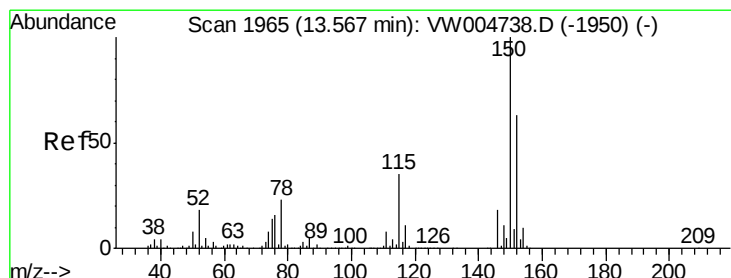
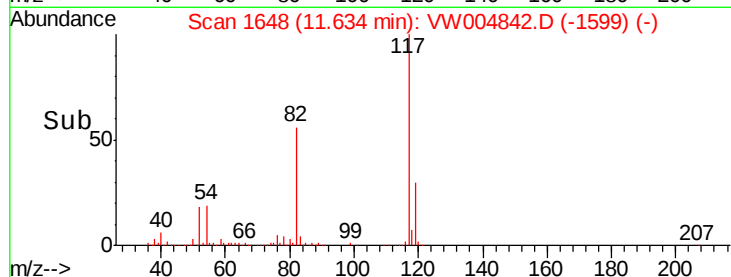
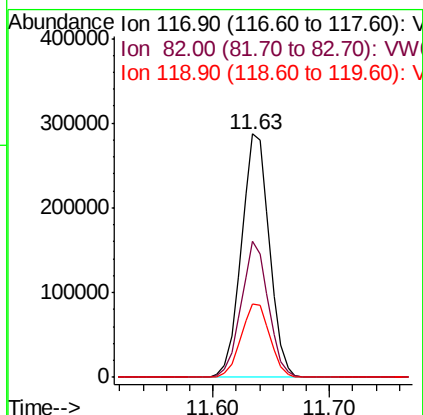
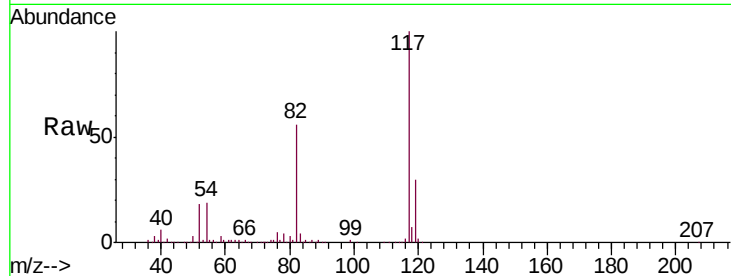




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004842.D
Acq: 21 Aug 2018 15:36

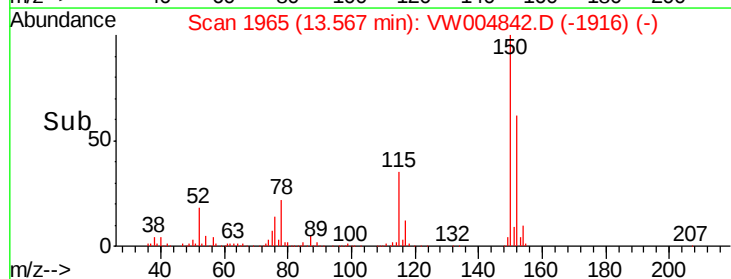
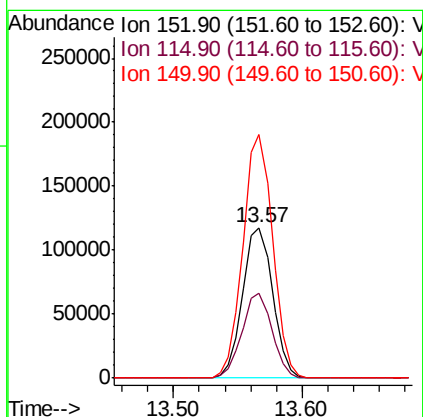
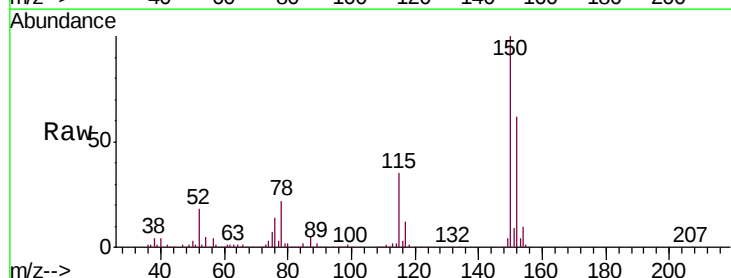
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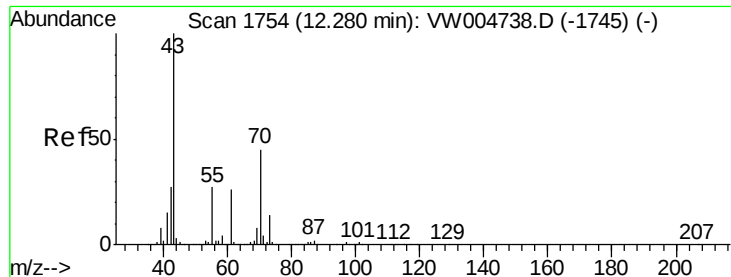
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.6	67.0
119	30.2	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004842.D
Acq: 21 Aug 2018 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.5	85.5
150	159.9	0.0	344.8





#74

N-ethyl acetate

Concen: 4.039 ug/l

RT: 12.31 min Scan# 1759

Delta R.T. 0.03 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

Instrument :

MSVOA_W

ClientSampled :

SU-04-081718

Tgt Ion: 43 Resp: 67

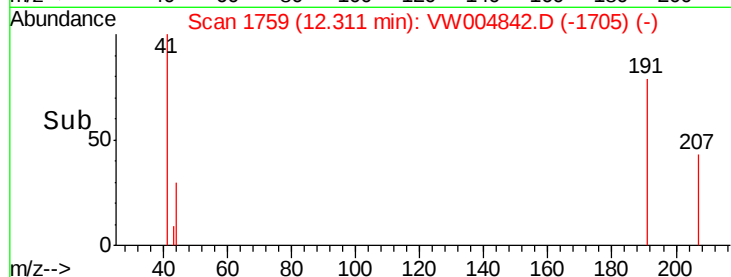
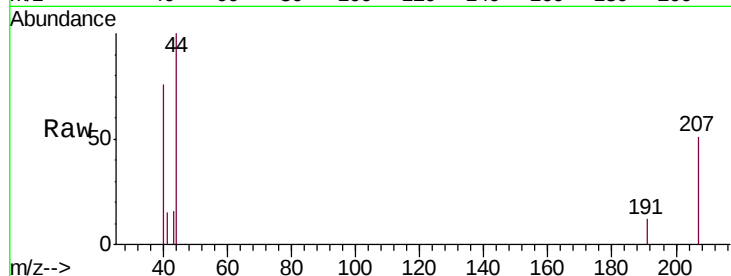
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#

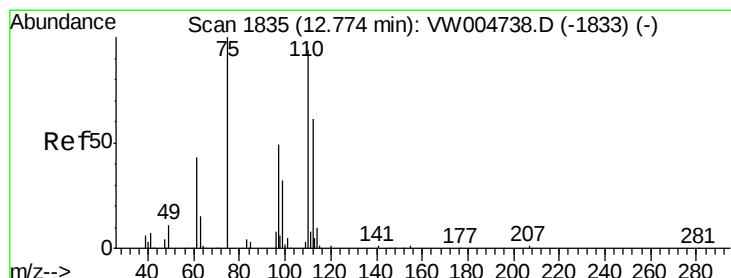
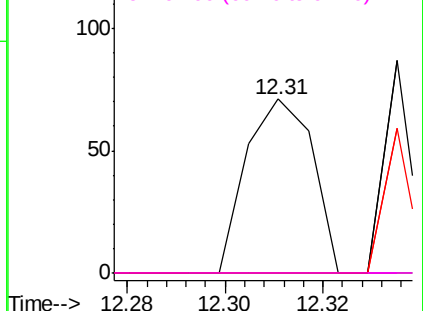


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 53.167 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004842.D

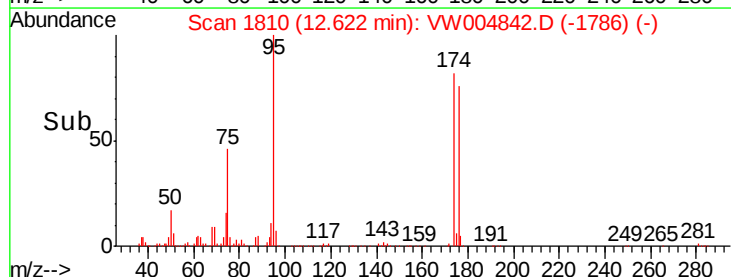
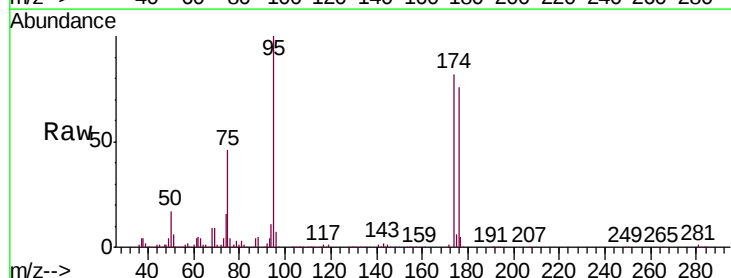
Acq: 21 Aug 2018 15:36

Tgt Ion: 75 Resp: 88907

Ion Ratio Lower Upper

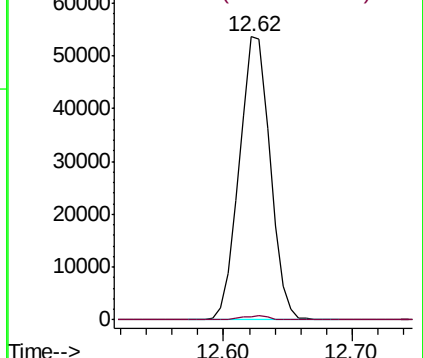
75 100

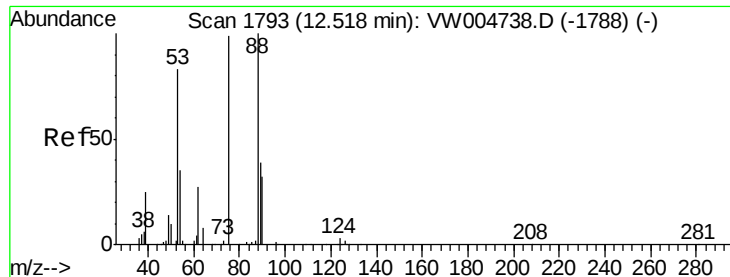
77 1.4 0.0 0.0#



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: 123.575 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

SU-04-081718

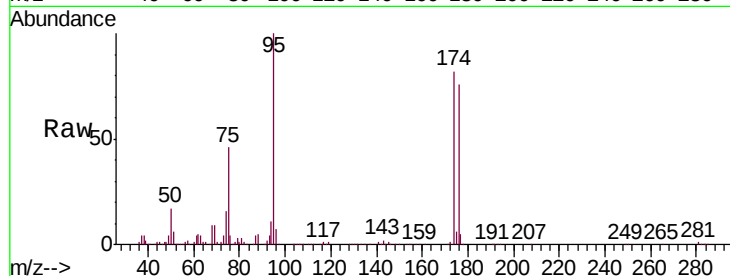
Tgt Ion: 75 Resp: 88907

Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

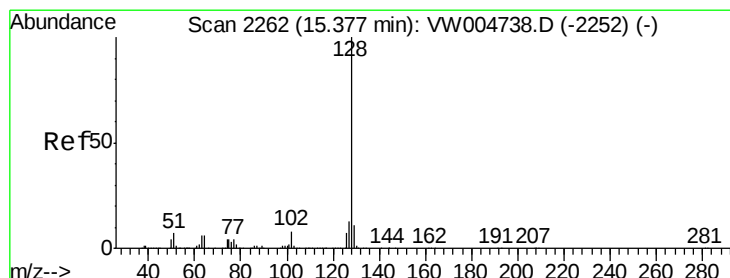
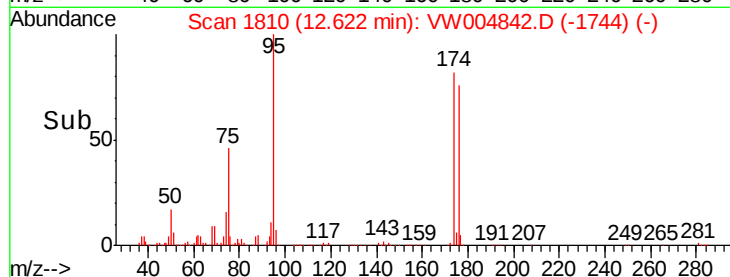
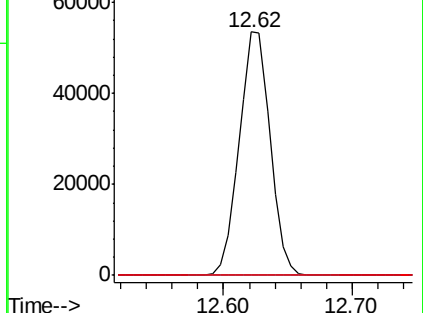
89 0.0 35.2 52.8#



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: 3.625 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004842.D

Acq: 21 Aug 2018 15:36

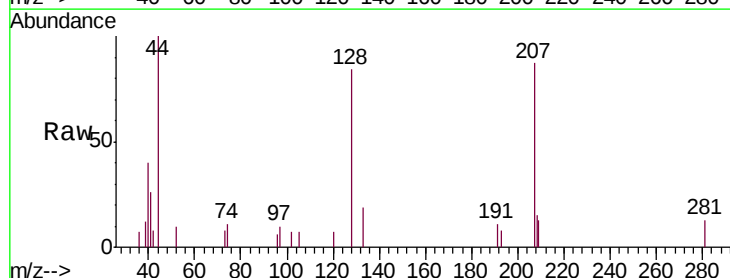
Tgt Ion: 128 Resp: 985

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

