

Data File : VW004866.D
Acq On : 22 Aug 2018 04:03
Operator : SY/AP
Sample : J4275-15
Misc : 7.22G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-D

Quant Time: Aug 22 07:50:34 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	568454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	911206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	650831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	279138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	300056	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.88	113	300103	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.33	98	581594	25.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.16%	
62) 4-Bromofluorobenzene	12.62	95	269116	32.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.80%	

Target Compounds

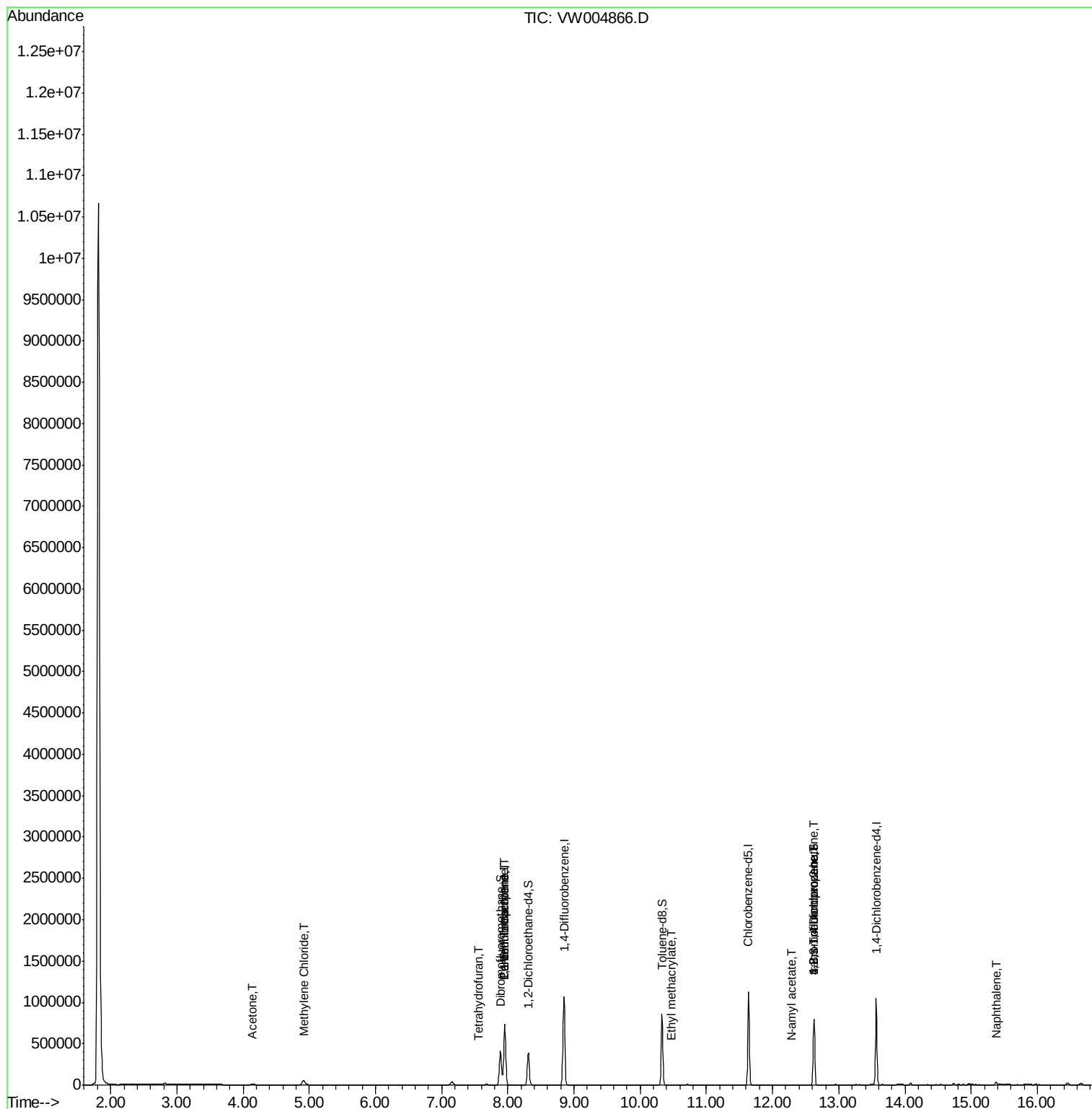
						Qvalue
16) Acetone	4.14	43	32363	23.068	ug/l	95
20) Methylene Chloride	4.91	84	46073	3.149	ug/l	96
29) Tetrahydrofuran	7.55	42	1117	1.096	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	41514	4.422	ug/l #	49
38) Carbon Tetrachloride	7.95	117	52727	6.102	ug/l #	16
56) Ethyl methacrylate	10.47	69	33	2.985	ug/l #	1
74) N-amyl acetate	12.27	43	78	4.035	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	126319	51.335	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	126319	119.317	ug/l #	14
95) Naphthalene	15.38	128	25155	5.540	ug/l	97

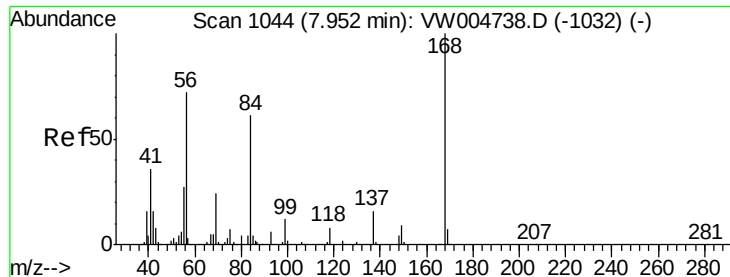
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

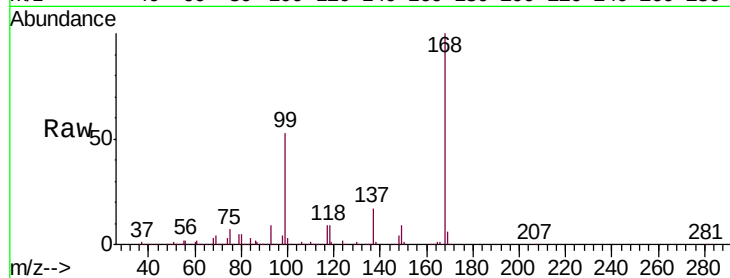
CL-01-082018-D

Tgt Ion:168 Resp: 568454

Ion Ratio Lower Upper

168 100

99 53.0 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

250000

200000

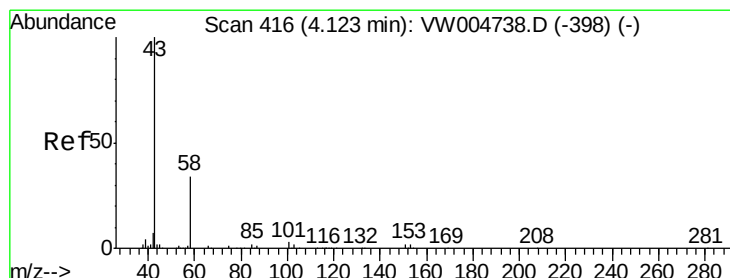
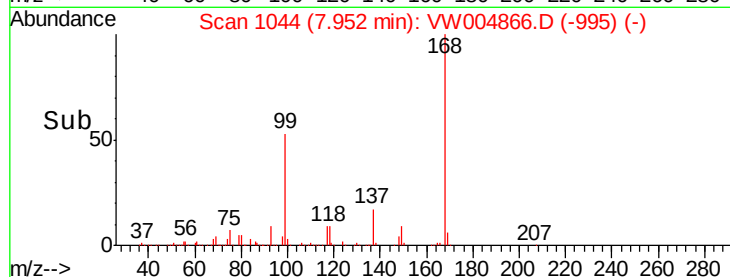
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 23.068 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004866.D

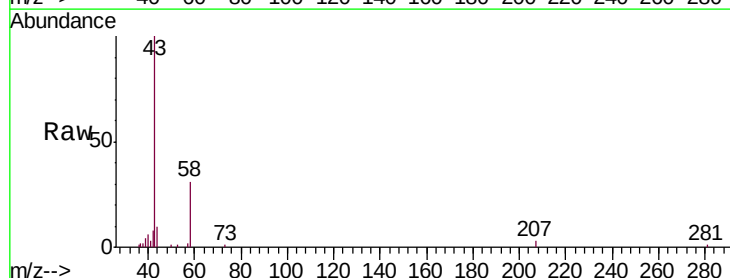
Acq: 22 Aug 2018 04:03

Tgt Ion: 43 Resp: 32363

Ion Ratio Lower Upper

43 100

58 31.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

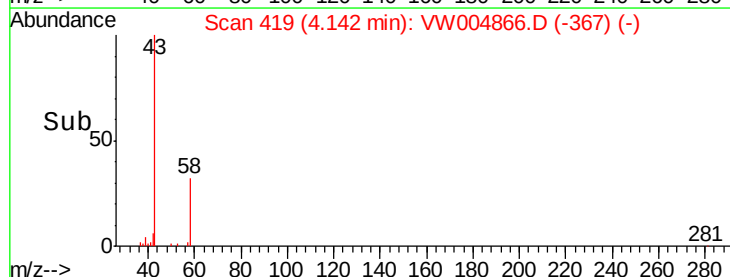
6000

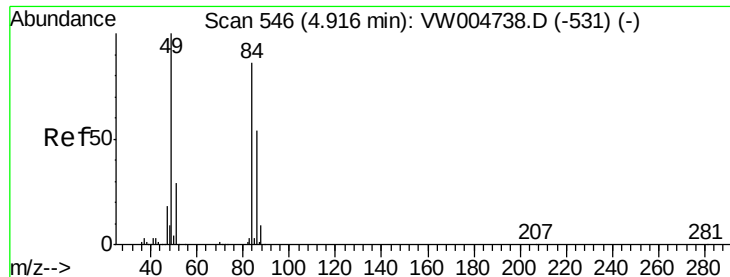
4000

2000

0

Time-->

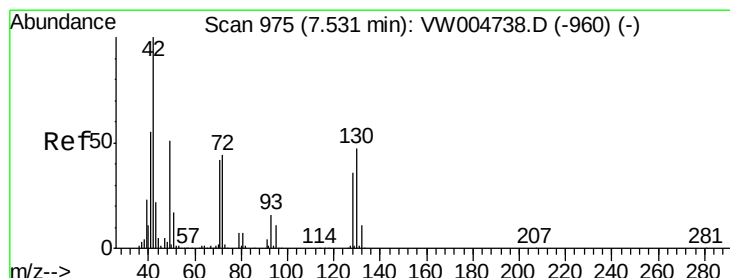
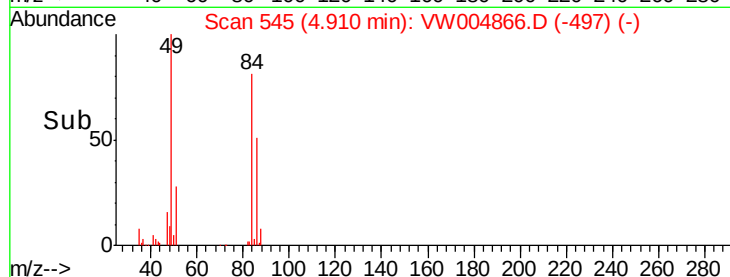
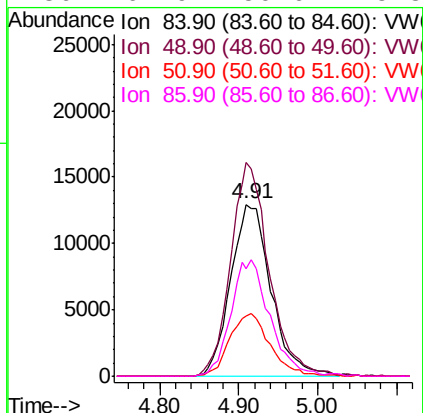
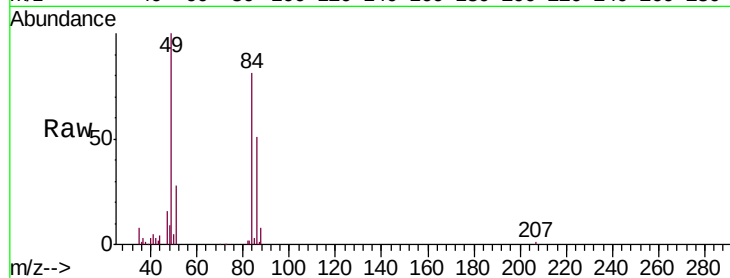




#20
Methylene Chloride
Concen: 3.149 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004866.D
Acq: 22 Aug 2018 04:03

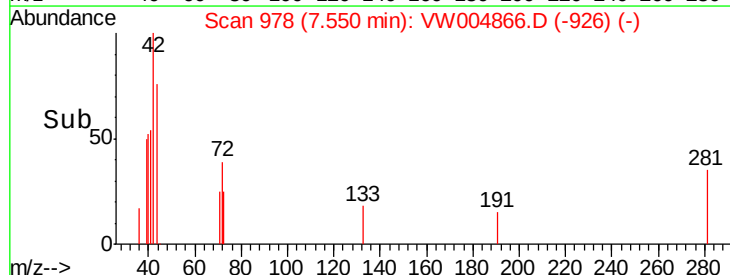
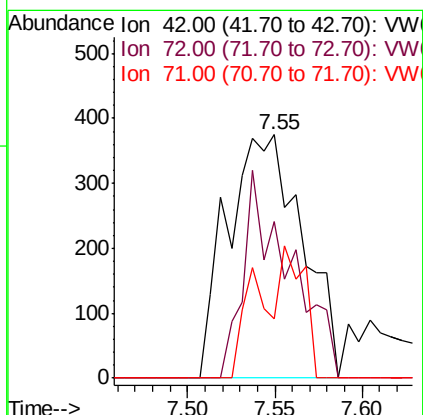
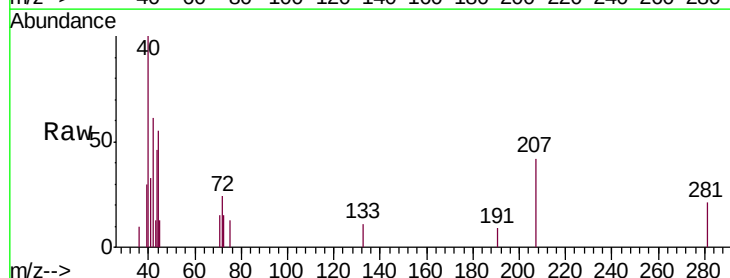
Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-D

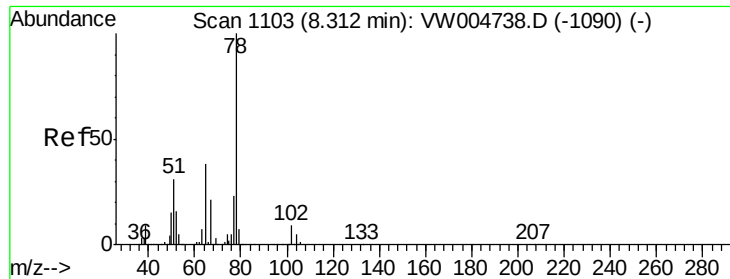
Tgt Ion:	84	Resp:	46073
Ion	Ratio	Lower	Upper
84	100		
49	124.2	93.2	139.8
51	35.0	27.4	41.0
86	62.9	50.6	75.8



#29
Tetrahydrofuran
Concen: 1.096 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004866.D
Acq: 22 Aug 2018 04:03

Tgt Ion:	42	Resp:	1117
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.9	52.3#
71	17.4	33.8	50.6#

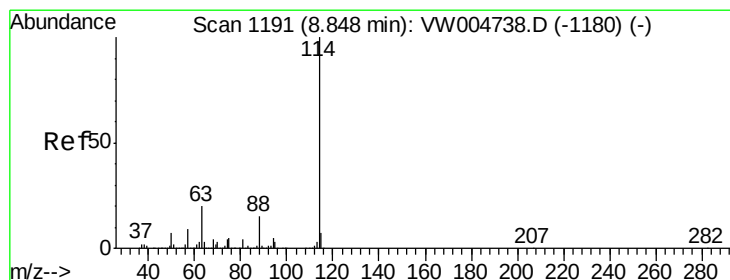
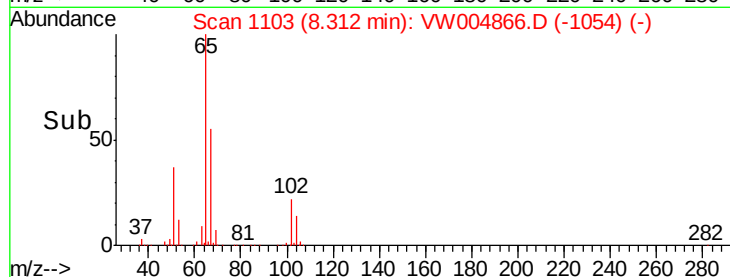
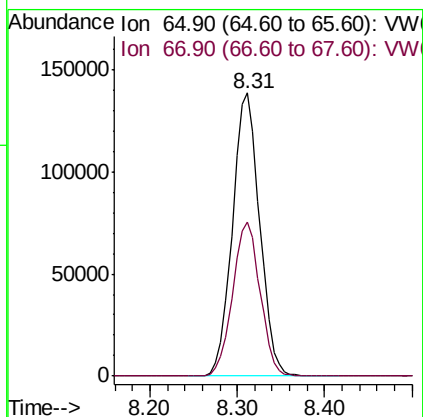
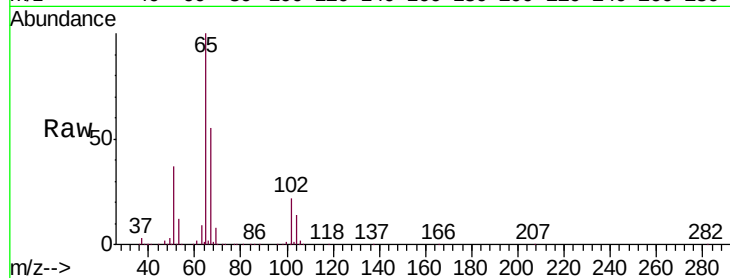




#33
 1,2-Dichloroethane-d4
 Concen: 54.597 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004866.D
 Acq: 22 Aug 2018 04:03

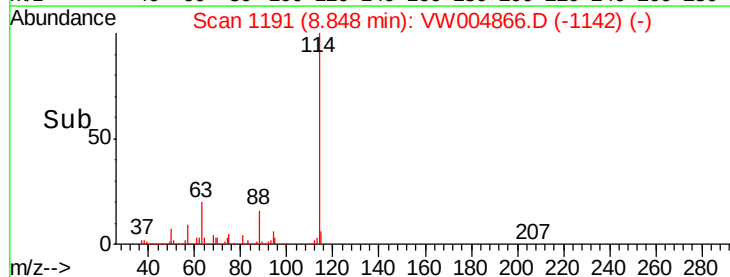
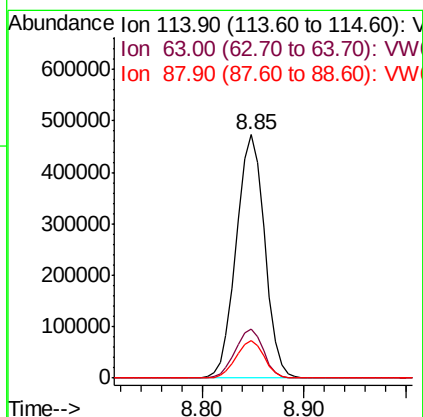
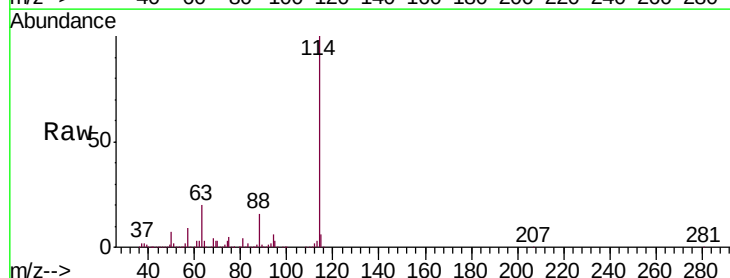
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-D

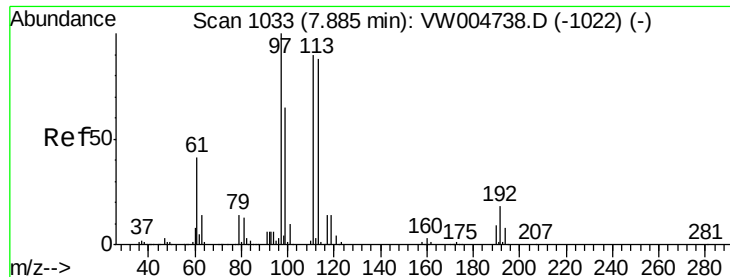
Tgt Ion: 65 Resp: 300056
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004866.D
 Acq: 22 Aug 2018 04:03

Tgt Ion: 114 Resp: 911206
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.530 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-D

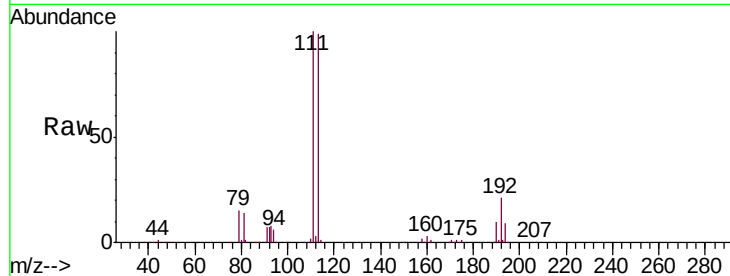
Tgt Ion:113 Resp: 300103

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

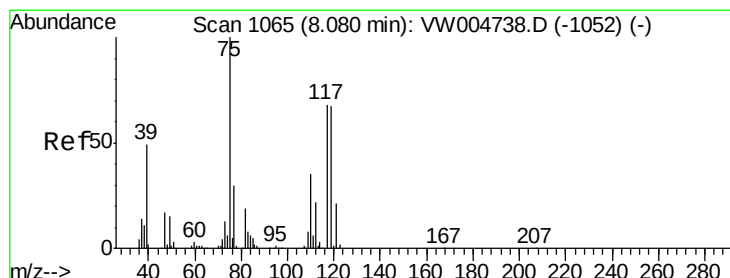
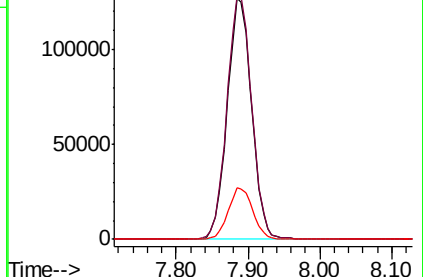
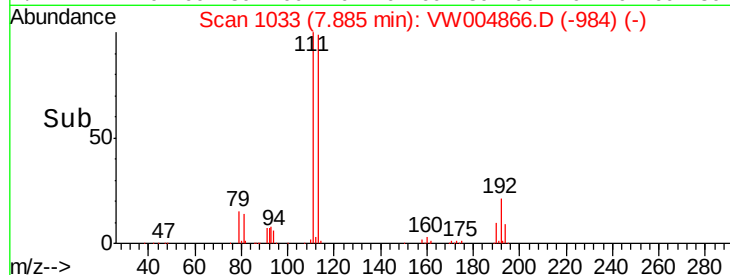
192 21.5 16.7 25.1



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: 4.422 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

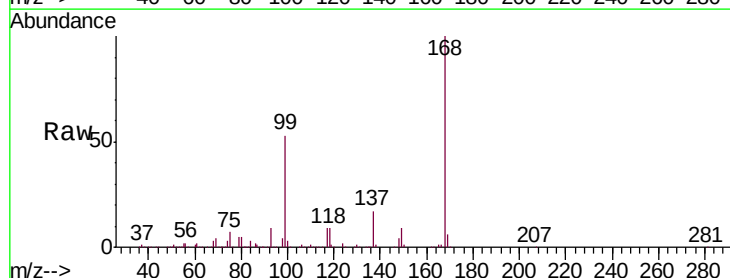
Tgt Ion: 75 Resp: 41514

Ion Ratio Lower Upper

75 100

110 8.1 17.8 53.5#

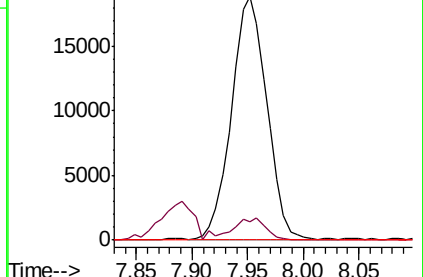
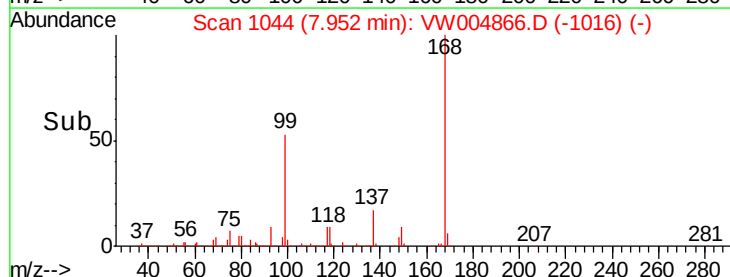
77 0.0 24.9 37.3#

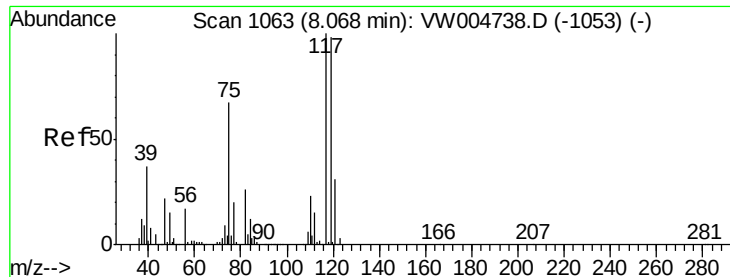


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.102 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-D

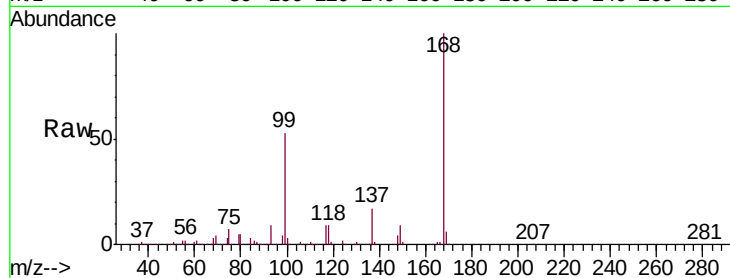
Tgt Ion:117 Resp: 52727

Ion Ratio Lower Upper

117 100

119 6.5 78.0 117.0#

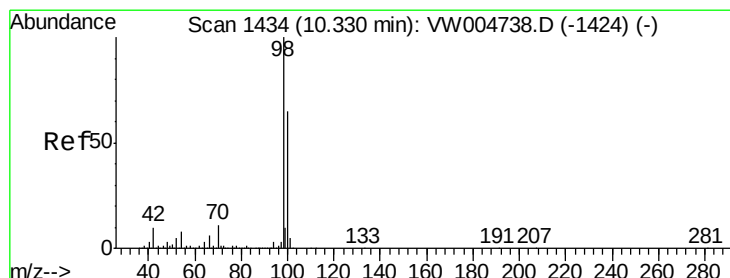
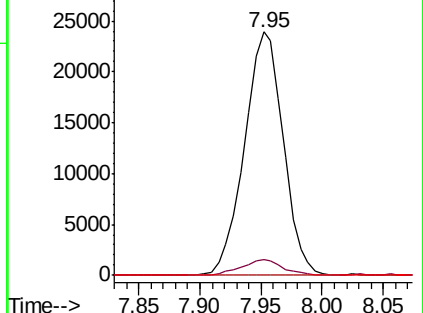
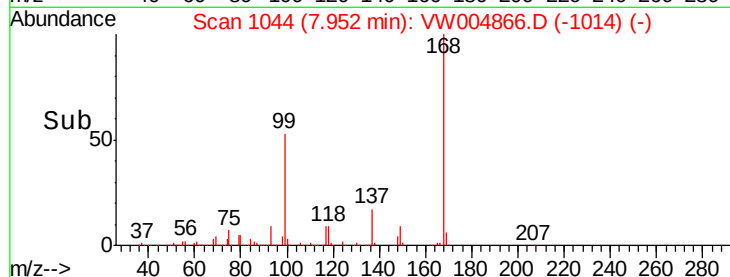
121 0.0 24.8 37.2#



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: 25.583 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004866.D

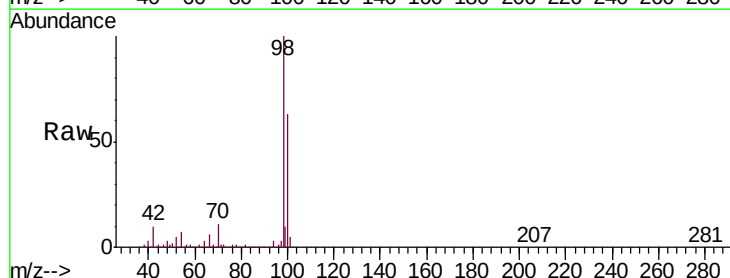
Acq: 22 Aug 2018 04:03

Tgt Ion: 98 Resp: 581594

Ion Ratio Lower Upper

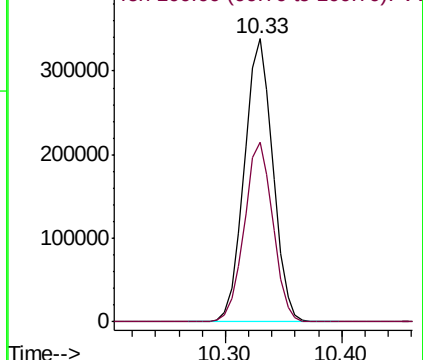
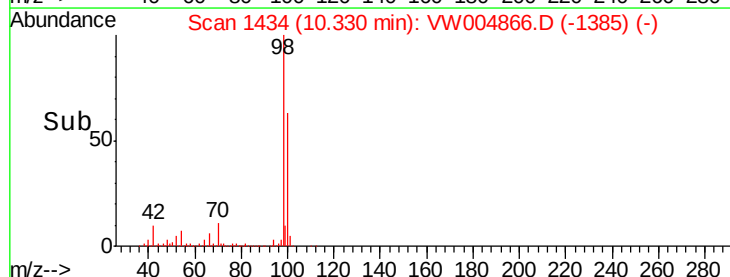
98 100

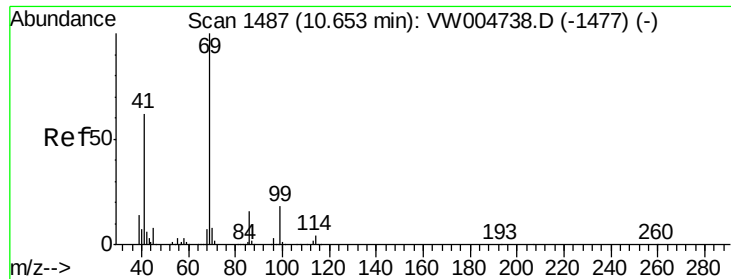
100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.985 ug/l

RT: 10.47 min Scan# 1457

Delta R.T. -0.18 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

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CL-01-082018-D

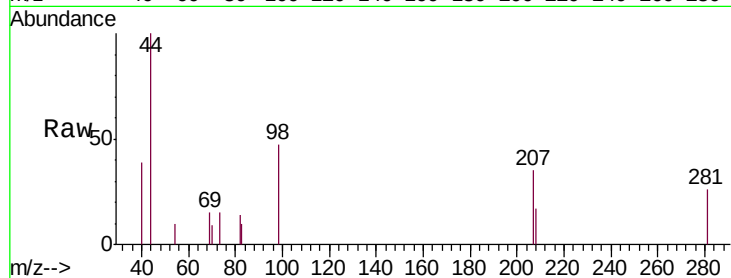
Tgt Ion: 69 Resp: 33

Ion Ratio Lower Upper

69 100

41 278.8 50.7 76.1#

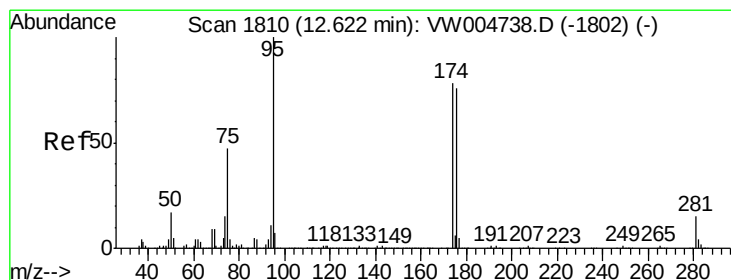
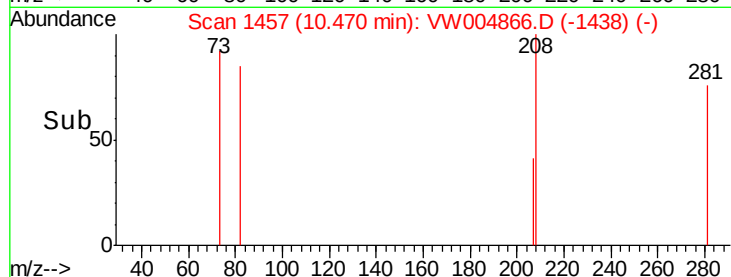
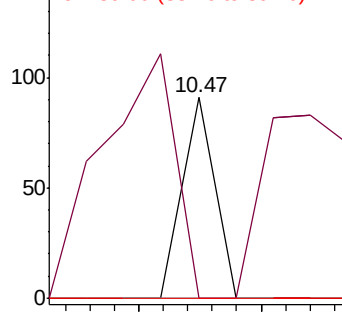
39 0.0 21.4 32.2#



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: 32.904 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

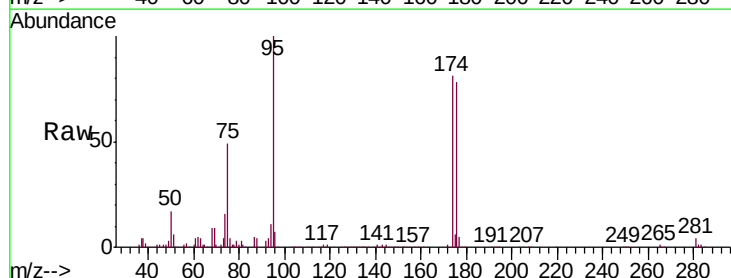
Tgt Ion: 95 Resp: 269116

Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

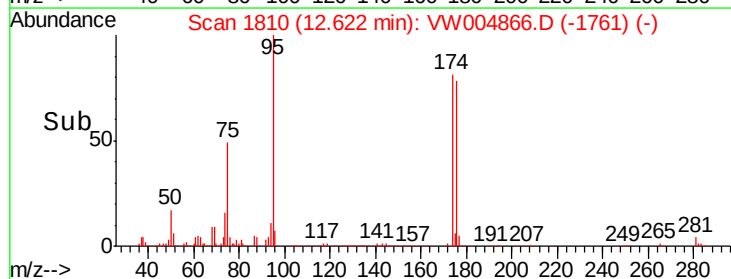
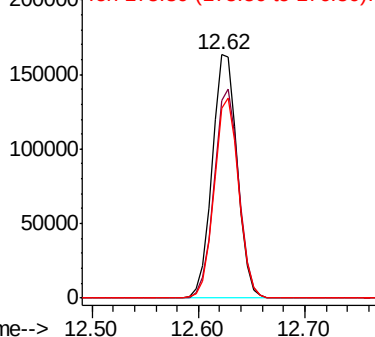
176 80.7 0.0 159.8

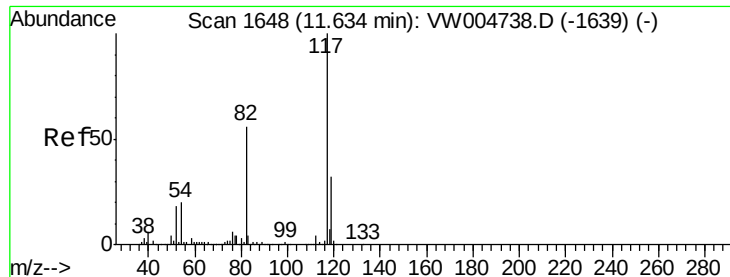


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

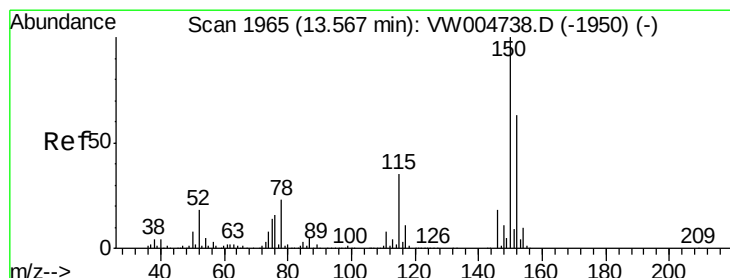
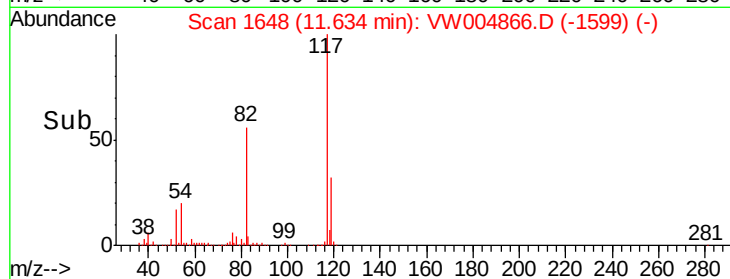
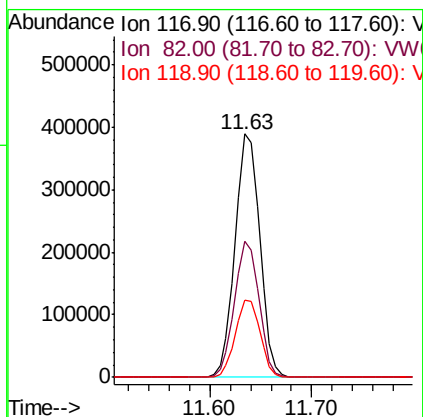
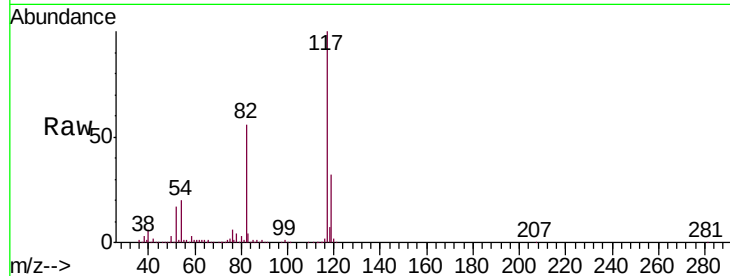




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004866.D
Acq: 22 Aug 2018 04:03

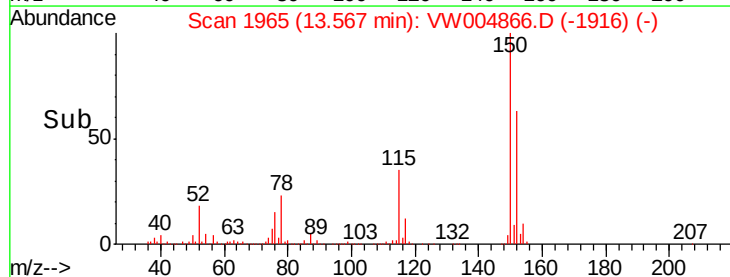
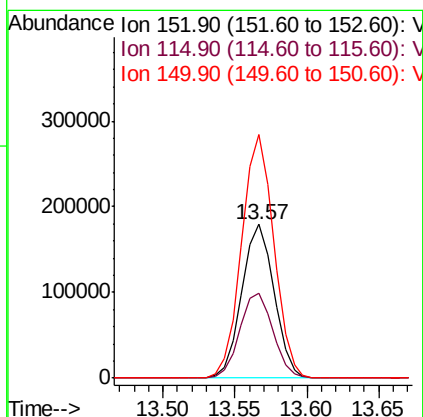
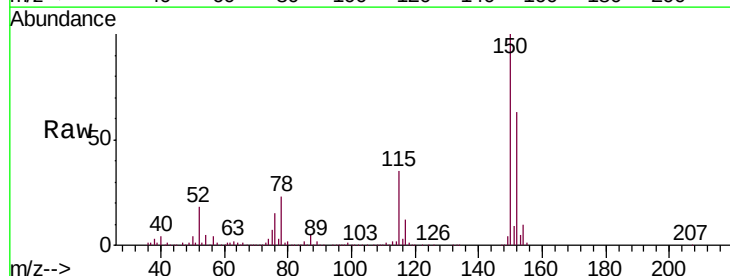
Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-D

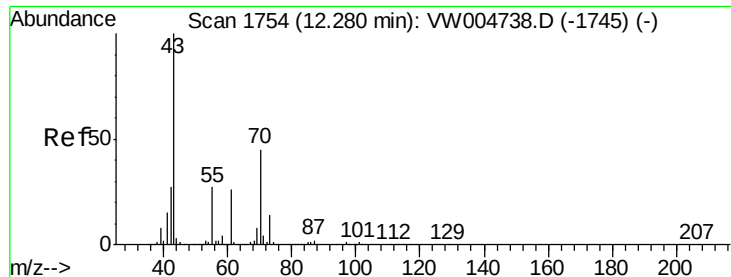
Tgt Ion:117 Resp: 650831
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004866.D
Acq: 22 Aug 2018 04:03

Tgt Ion:152 Resp: 279138
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 157.7 0.0 344.8





#74

N-ethyl acetate

Concen: 4.035 ug/l

RT: 12.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VW004866.D

Acq: 22 Aug 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-D

Tgt Ion: 43 Resp: 78

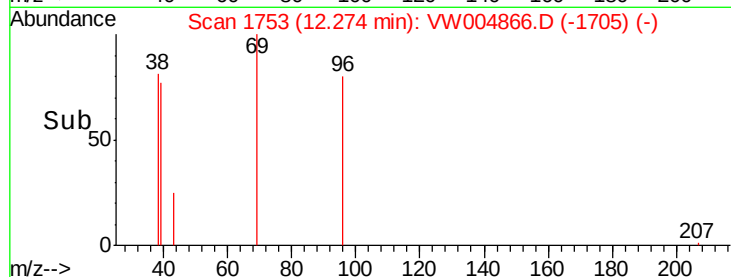
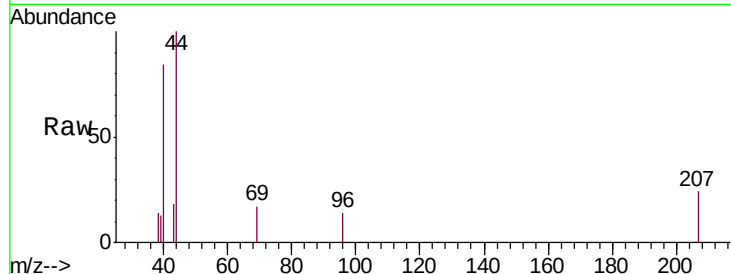
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 22.6 33.8#

61 0.0 20.2 30.4#

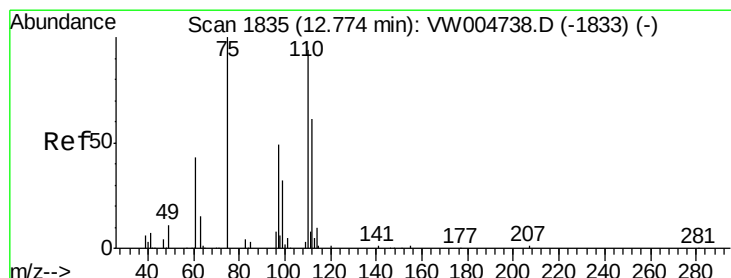
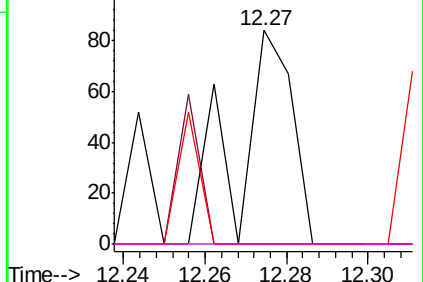


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 51.335 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004866.D

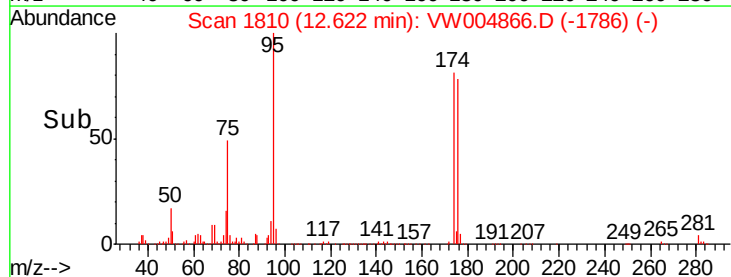
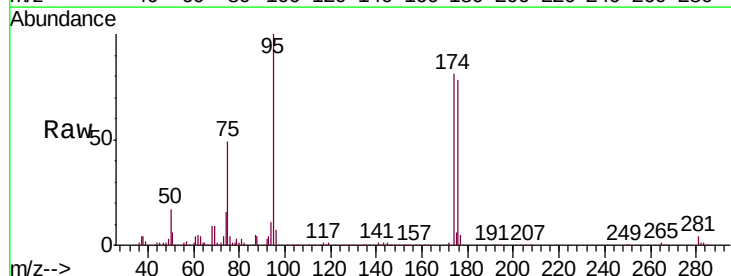
Acq: 22 Aug 2018 04:03

Tgt Ion: 75 Resp: 126319

Ion Ratio Lower Upper

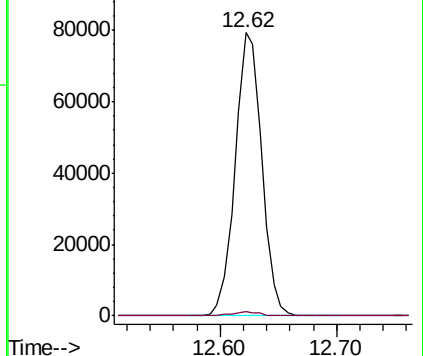
75 100

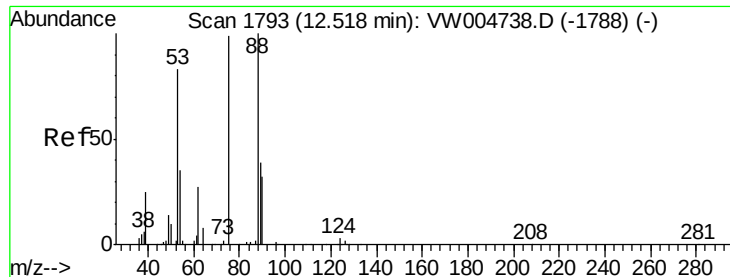
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

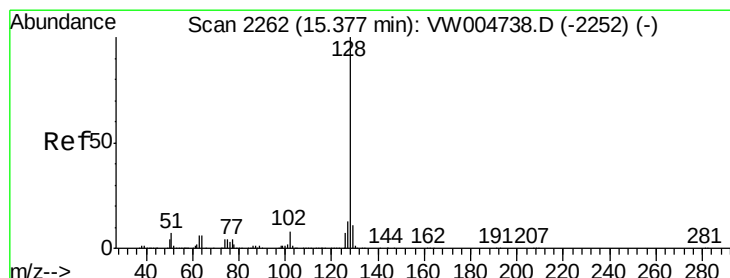
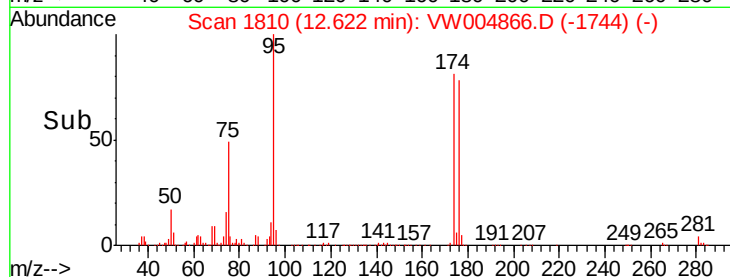
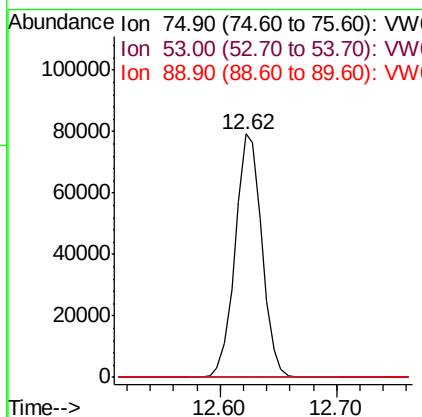
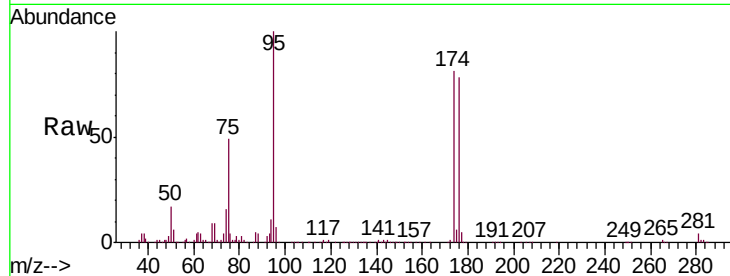




#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.317 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004866.D
 Acq: 22 Aug 2018 04:03

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-D

Tgt Ion: 75 Resp: 126319
 Ion Ratio Lower Upper
 75 100
 53 0.3 72.2 108.4#
 89 0.0 35.2 52.8#



#95
 Naphthalene
 Concen: 5.540 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004866.D
 Acq: 22 Aug 2018 04:03

Tgt Ion: 128 Resp: 25155
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.4 15.6
 129 11.8 8.6 13.0

