

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003964.D
 Acq On : 16 Jul 2018 21:01
 Operator : VA/AP
 Sample : J3980-07
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 17 05:52:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152337	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	145129	66.01	ug/l	0.00
Spiked Amount			Recovery	=	132.02%	
35) Dibromofluoromethane	7.88	113	122006	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
50) Toluene-d8	10.33	98	429320	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	150073	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

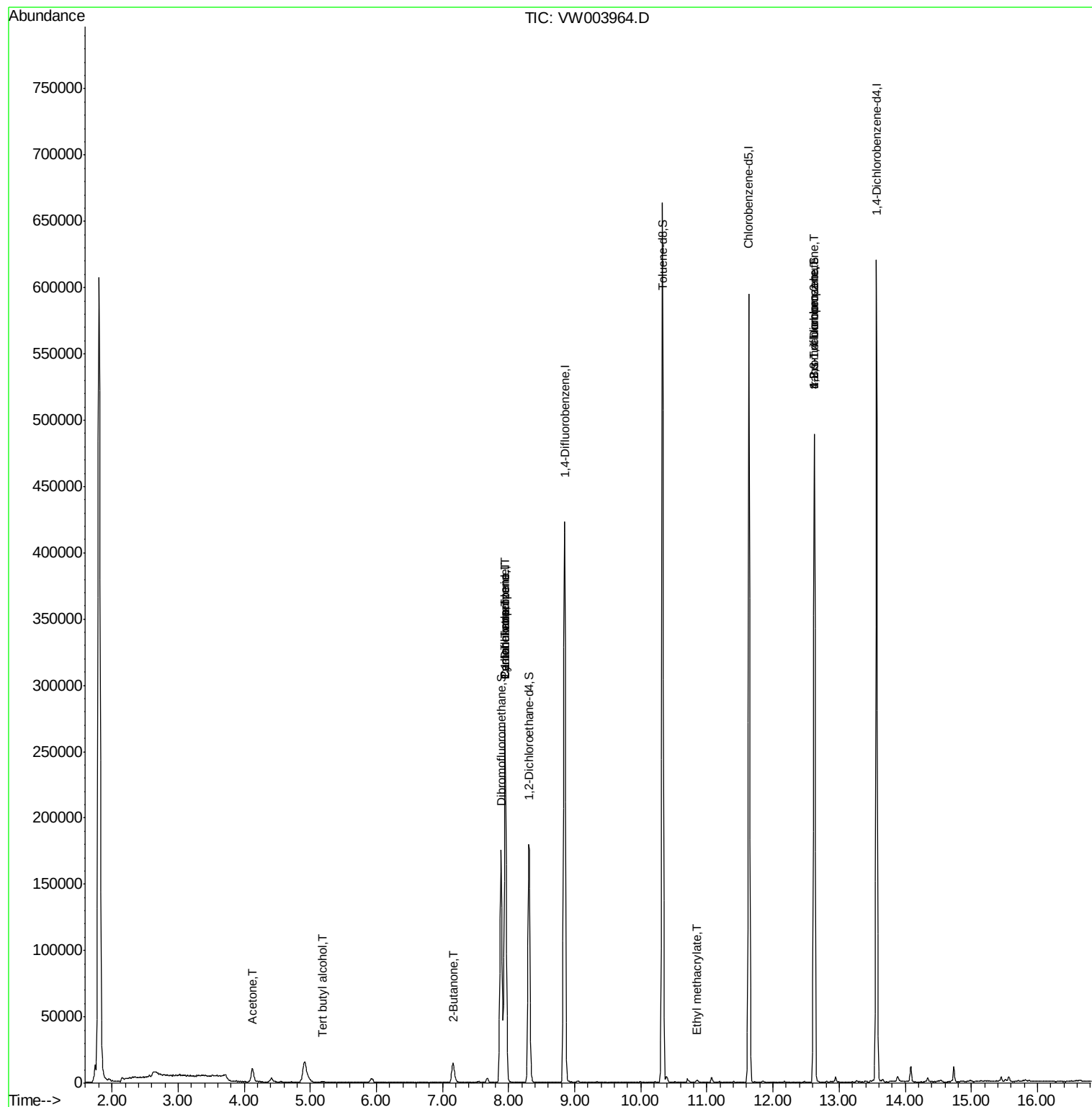
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	775	5.106	ug/l #	72
16) Acetone	4.12	43	19101	36.155	ug/l	92
20) Methylene Chloride	4.92	84	15300	Below Cal		89
25) 2-Butanone	7.18	43	2458	3.457	ug/l	100
31) Cyclohexane	7.95	56	5207	1.428	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	15953	4.584	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19558	6.015	ug/l #	18
56) Ethyl methacrylate	10.86	69	82	2.976	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	78407	51.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78407	114.678	ug/l #	11

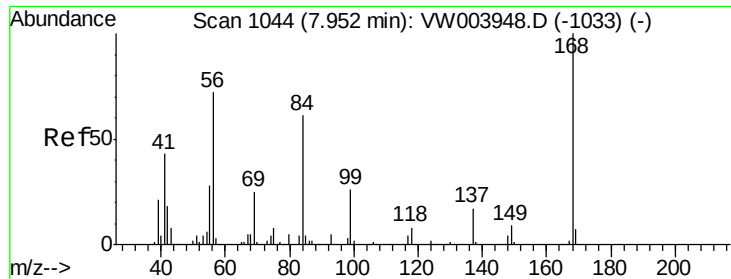
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071618\
Data File : VW003964.D
Acq On : 16 Jul 2018 21:01
Operator : VA/AP
Sample : J3980-07
Misc : 5.44G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 17 05:52:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW003964.D

Acq: 16 Jul 2018 21:01

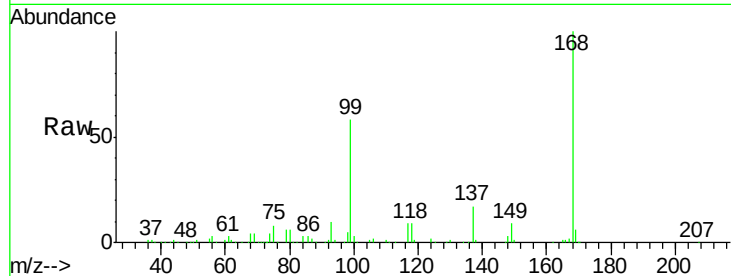
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 196684

Ion Ratio Lower Upper

168 100

99 57.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

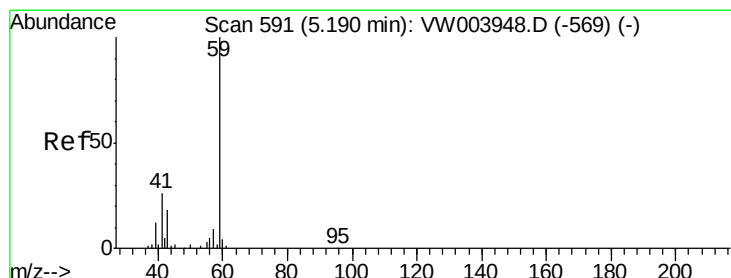
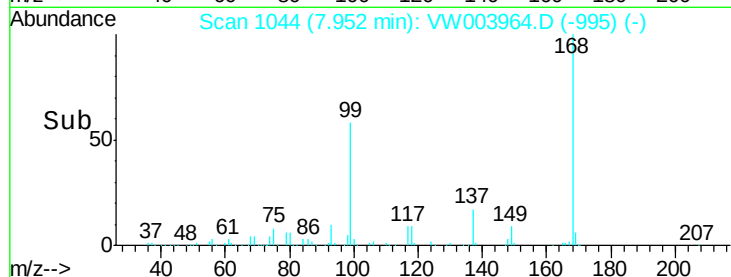
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 5.106 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW003964.D

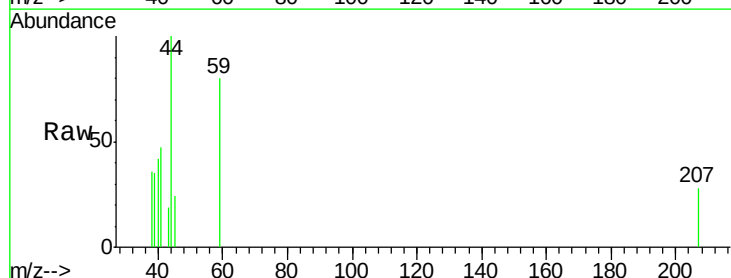
Acq: 16 Jul 2018 21:01

Tgt Ion: 59 Resp: 775

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

250

200

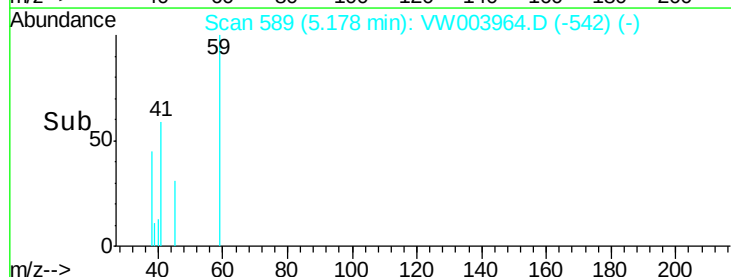
150

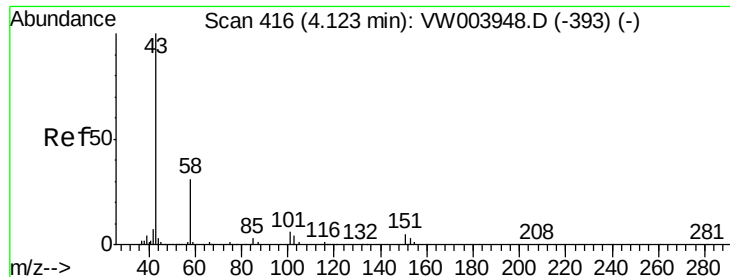
100

50

0

Time--> 5.10 5.15 5.20 5.25

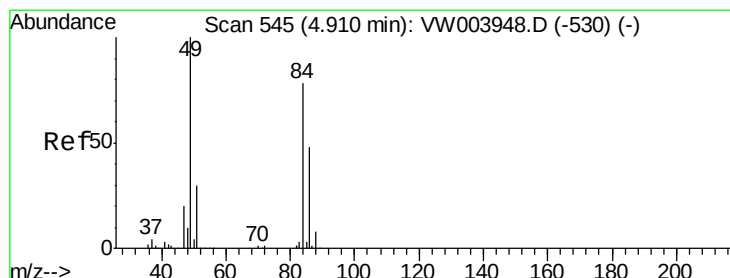
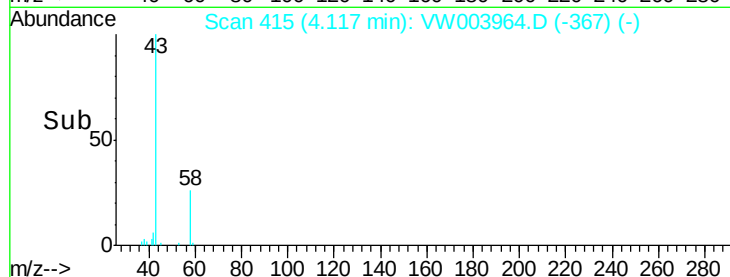
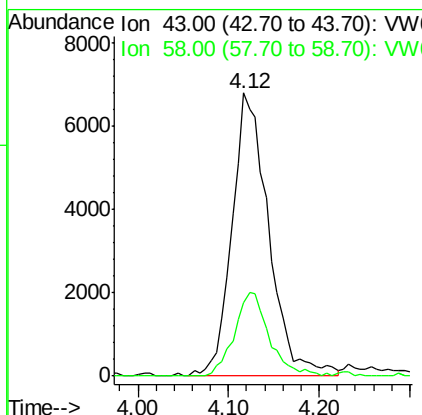
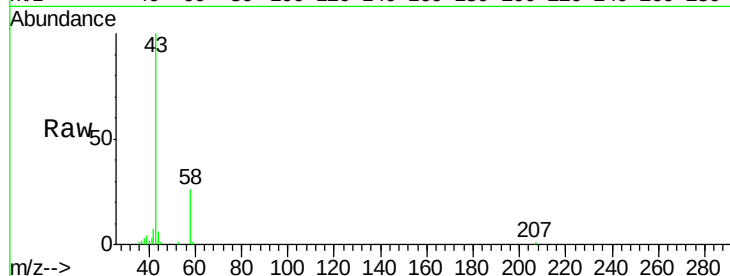




#16
Acetone
Concen: 36.155 ug/l
RT: 4.12 min Scan# 415
Delta R.T. -0.01 min
Lab File: VW003964.D
Acq: 16 Jul 2018 21:01

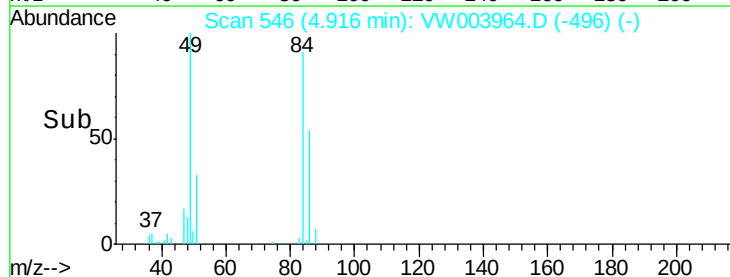
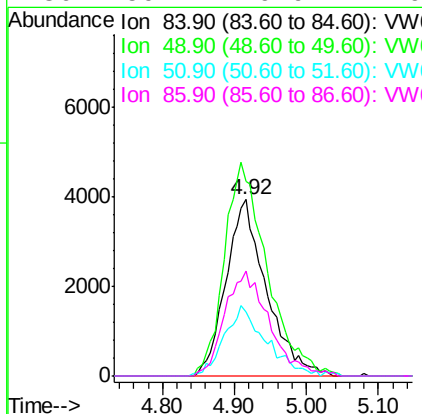
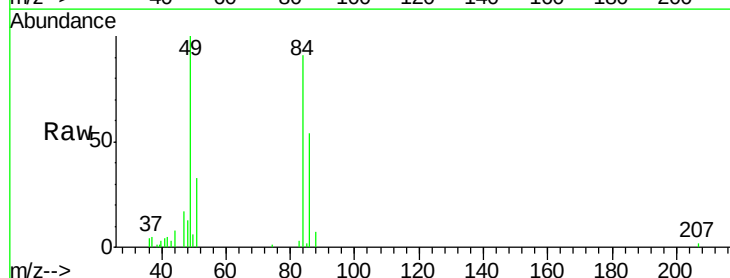
Instrument :
MSVOA_W
ClientSampleId :

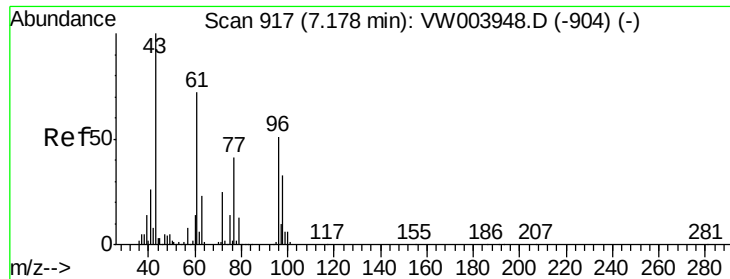
Tot Ion: 43 Resp: 19101
Ion Ratio Lower Upper
43 100
58 26.0 24.5 36.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003964.D
Acq: 16 Jul 2018 21:01

Tgt Ion: 84 Resp: 15300
Ion Ratio Lower Upper
84 100
49 110.4 102.9 154.3
51 36.2 30.9 46.3
86 59.4 49.9 74.9





#25

2-Butanone

Concen: 3.457 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003964.D

Acq: 16 Jul 2018 21:01

Instrument :

MSVOA_W

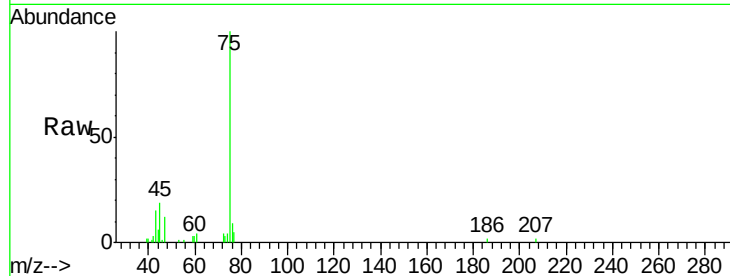
ClientSampled :

Tot Ion: 43 Resp: 2458

Ion Ratio Lower Upper

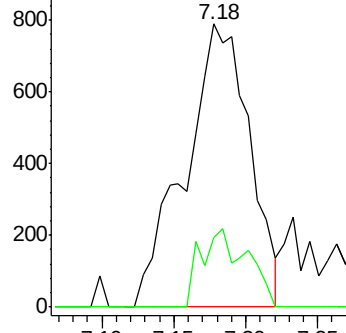
43 100

72 24.7 19.8 29.6

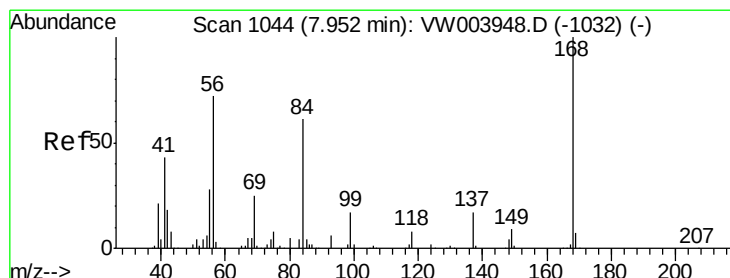
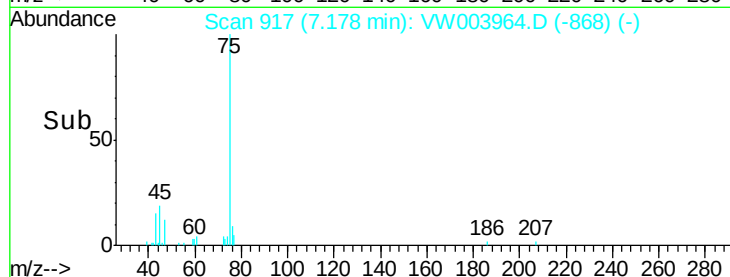


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#31

Cyclohexane

Concen: 1.428 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003964.D

Acq: 16 Jul 2018 21:01

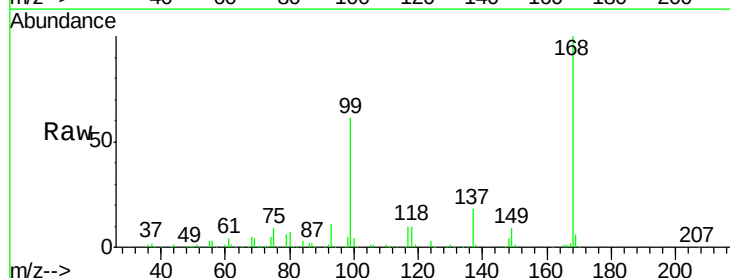
Tgt Ion: 56 Resp: 5207

Ion Ratio Lower Upper

56 100

69 148.3 27.8 41.8#

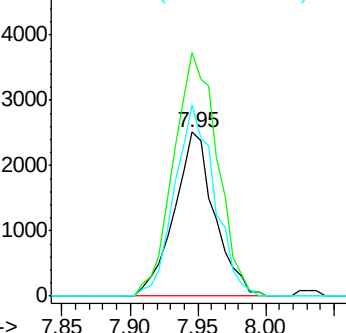
84 116.1 67.2 100.8#



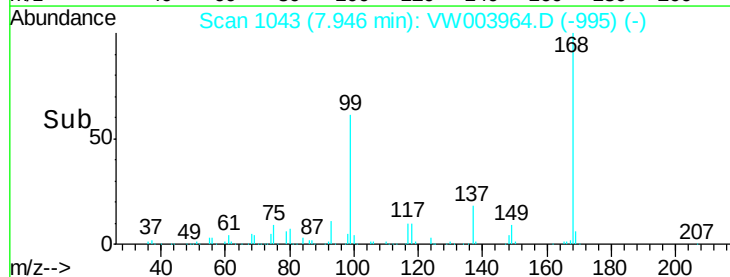
Abundance Ion 56.00 (55.70 to 56.70): VW

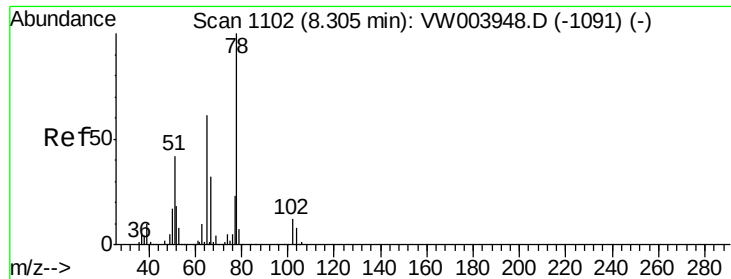
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->

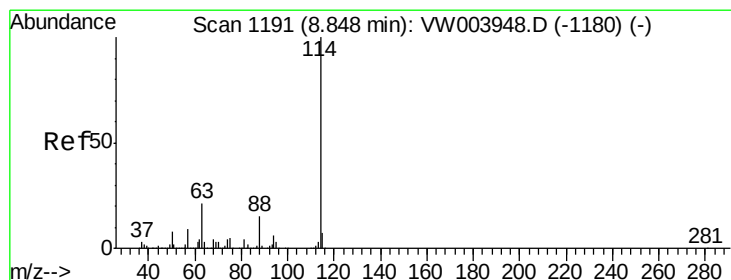
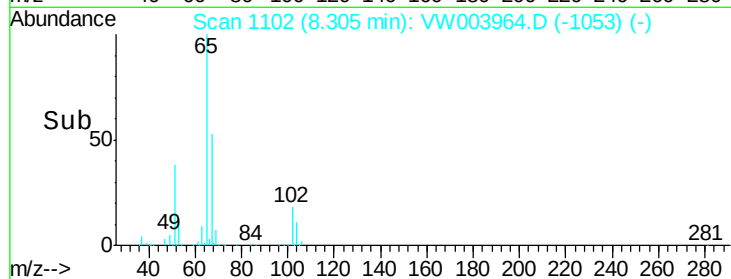
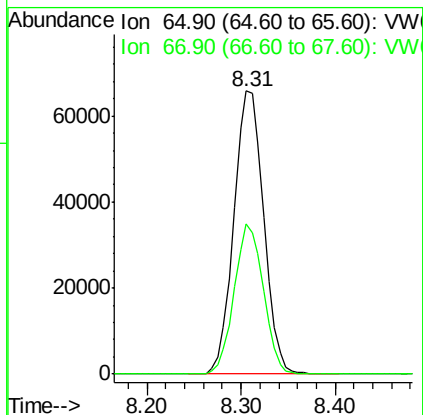
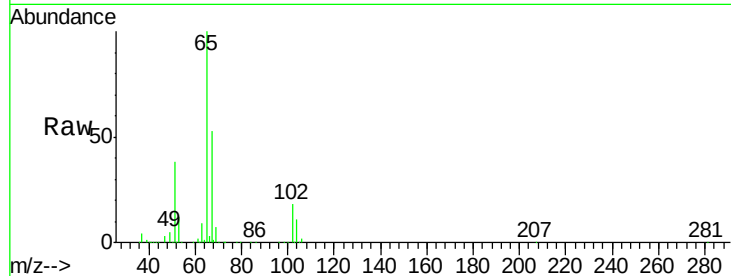




#33
 1,2-Dichloroethane-d4
 Concen: 66.012 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003964.D
 Acq: 16 Jul 2018 21:01

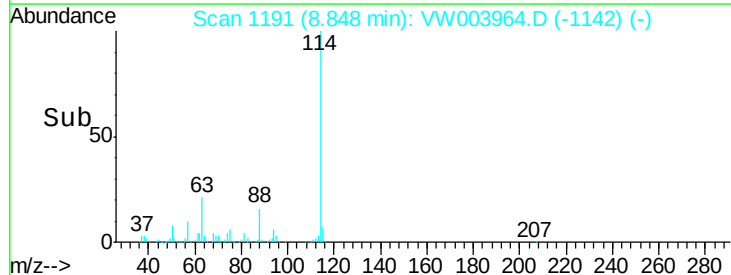
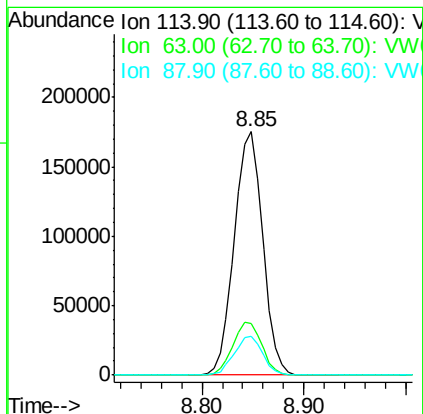
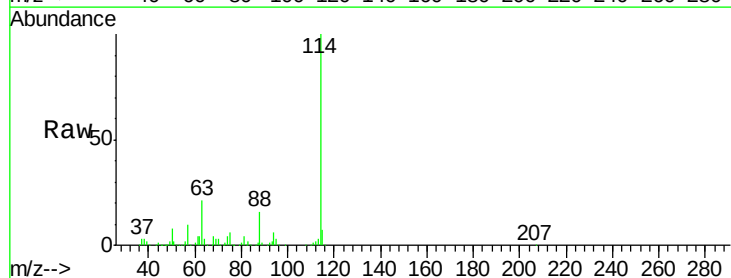
Instrument :
 MSVOA_W
 ClientSampleId :

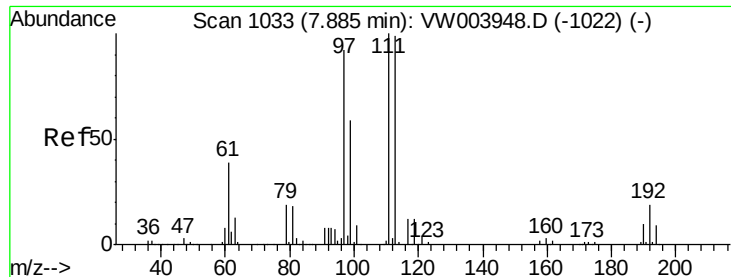
Tot Ion: 65 Resp: 145129
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003964.D
 Acq: 16 Jul 2018 21:01

Tgt Ion: 114 Resp: 338245
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 15.7 0.0 30.4

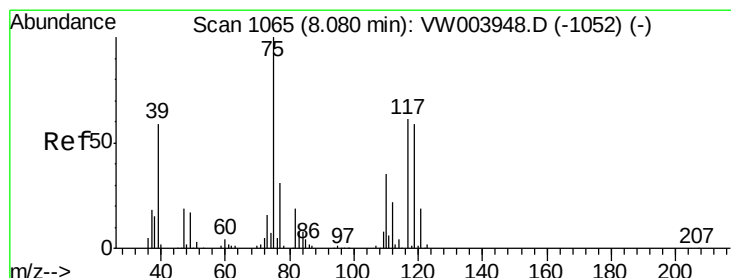
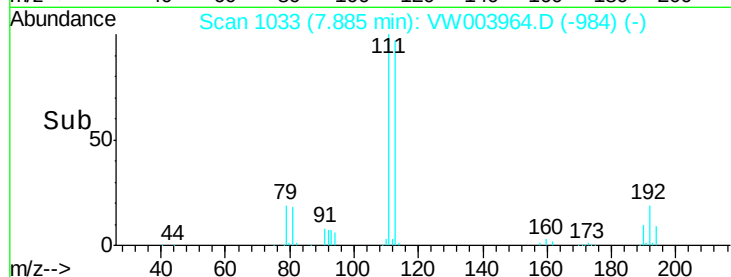
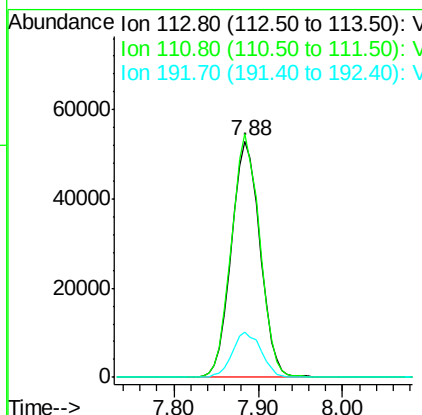
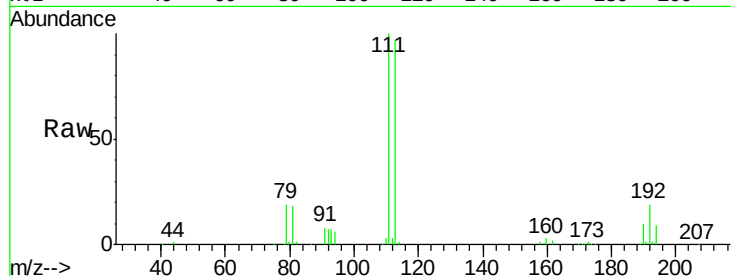




#35
 Dibromofluoromethane
 Concen: 56.217 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003964.D
 Acq: 16 Jul 2018 21:01

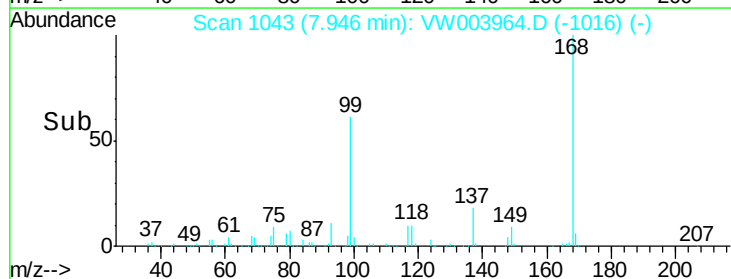
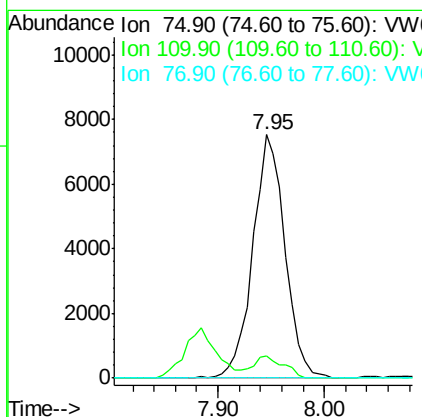
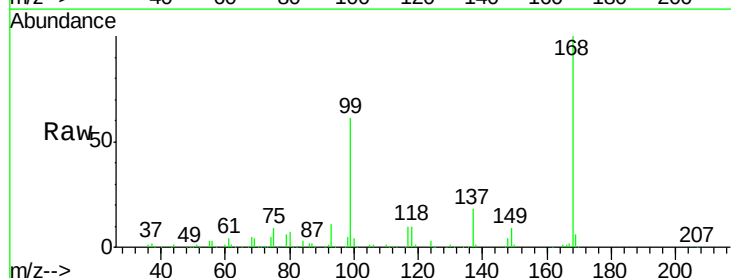
Instrument :
 MSVOA_W
 ClientSampleId :

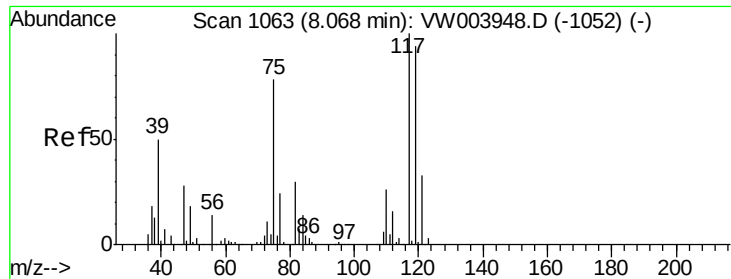
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	19.5	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003964.D
 Acq: 16 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	51.0#
77	0.0	24.9	37.3#

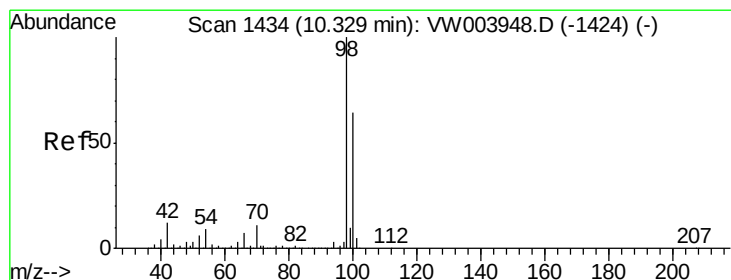
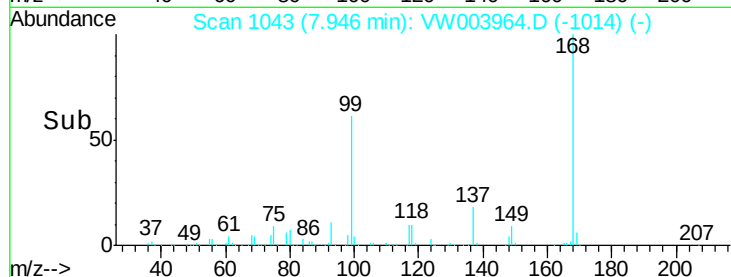
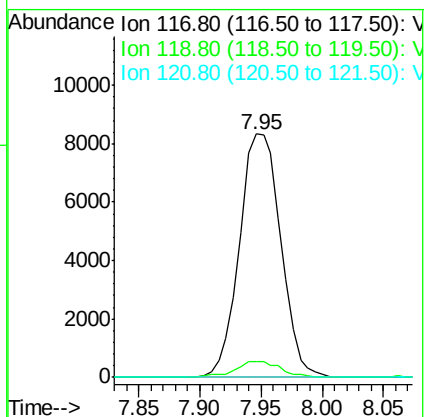
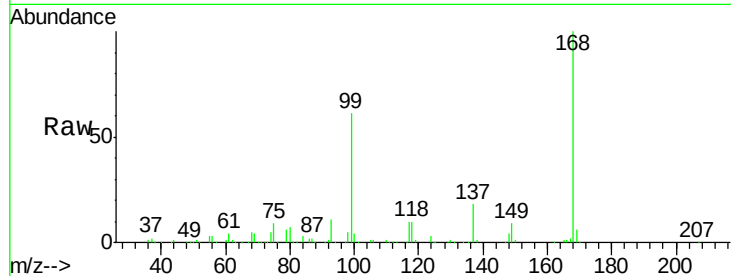




#38
Carbon Tetrachloride
Concen: 6.015 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003964.D
Acq: 16 Jul 2018 21:01

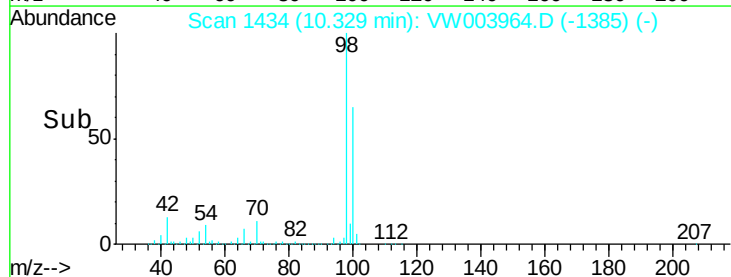
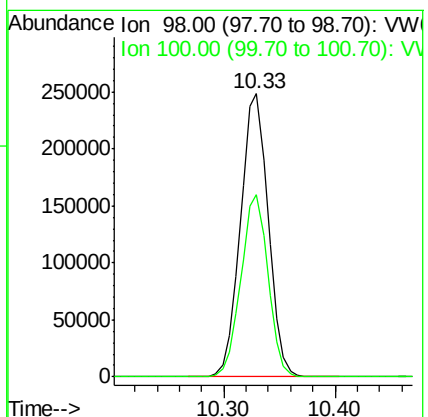
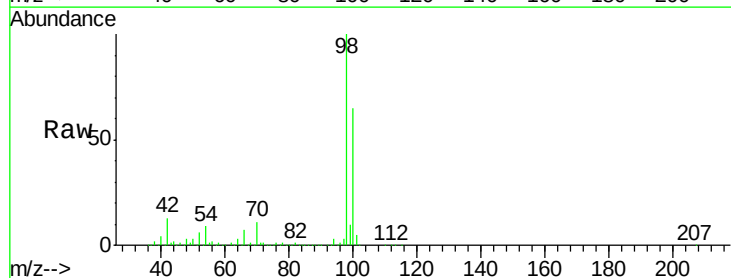
Instrument :
MSVOA_W
ClientSampled :

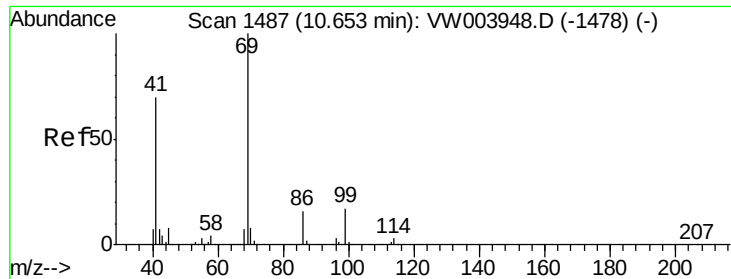
Tot Ion:117 Resp: 19558
Ion Ratio Lower Upper
117 100
119 6.6 75.3 112.9#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 50.981 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003964.D
Acq: 16 Jul 2018 21:01

Tgt Ion: 98 Resp: 429320
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8





#56

Ethyl methacrylate

Concen: 2.976 ug/l

RT: 10.86 min Scan# 1521

Delta R.T. 0.21 min

Lab File: VW003964.D

Acq: 16 Jul 2018 21:01

Instrument :

MSVOA_W

ClientSampled :

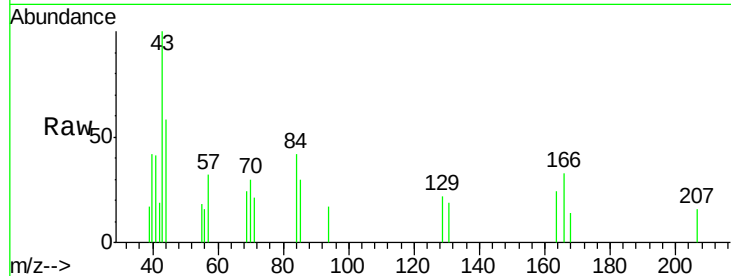
Tot Ion: 69 Resp: 82

Ion Ratio Lower Upper

69 100

41 534.1 56.5 84.7#

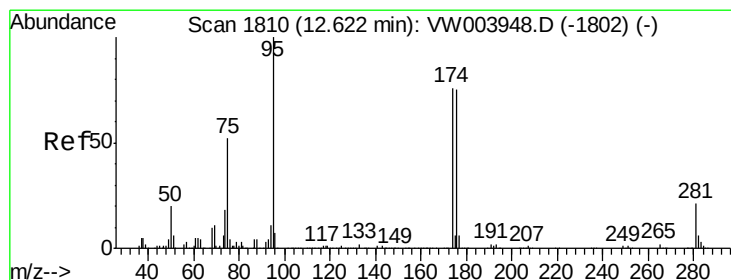
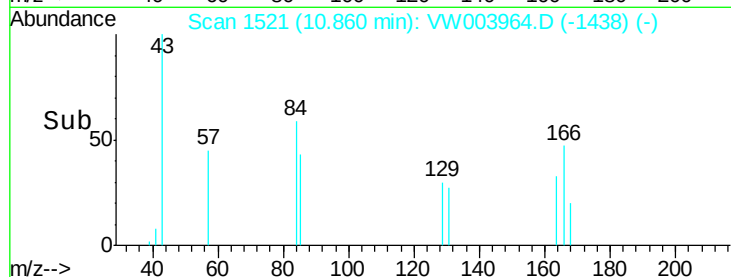
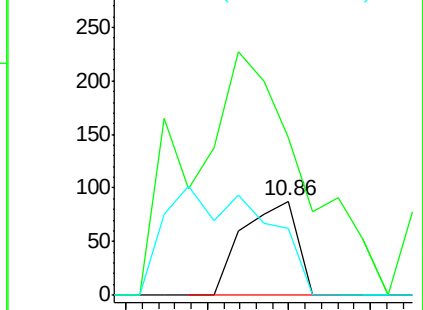
39 0.0 30.2 45.4#



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: 49.420 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003964.D

Acq: 16 Jul 2018 21:01

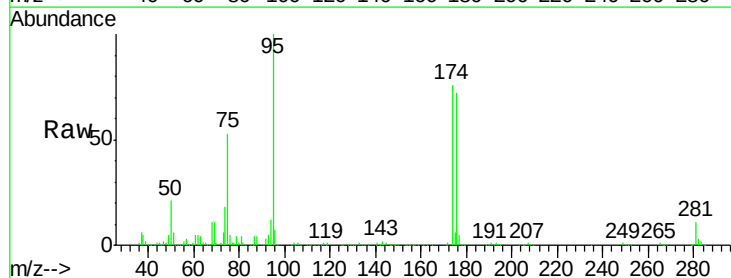
Tgt Ion: 95 Resp: 150073

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

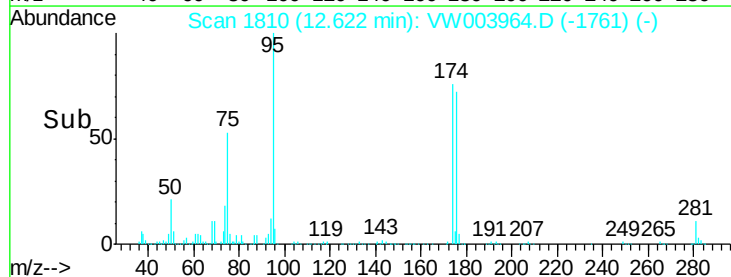
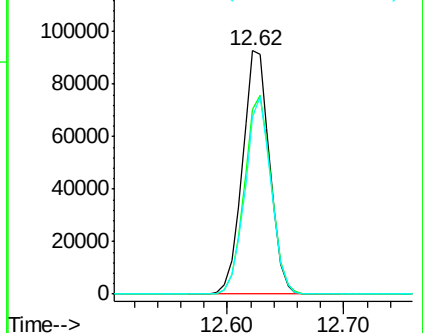
176 77.9 0.0 155.8

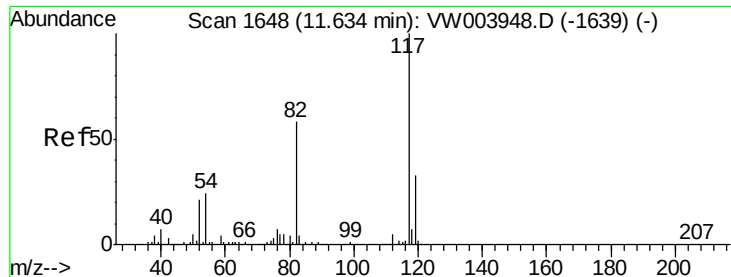


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

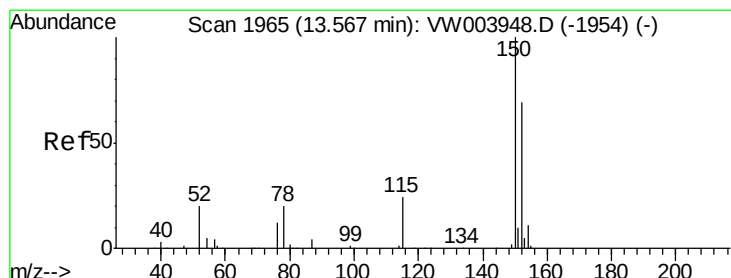
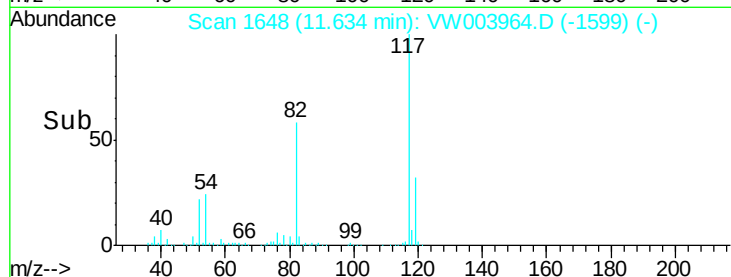
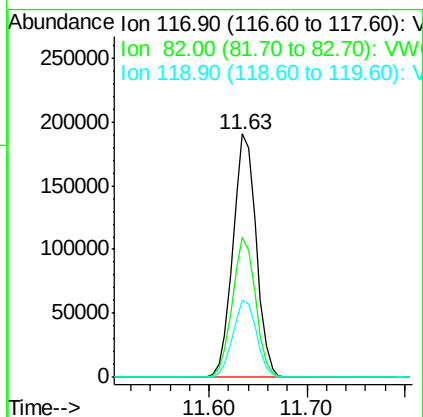
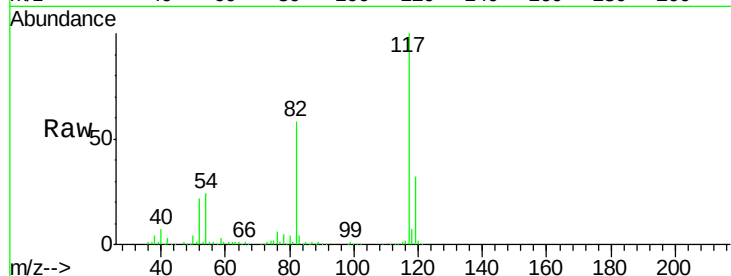




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003964.D
Acq: 16 Jul 2018 21:01

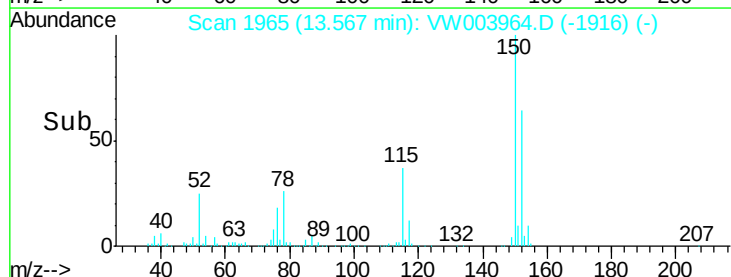
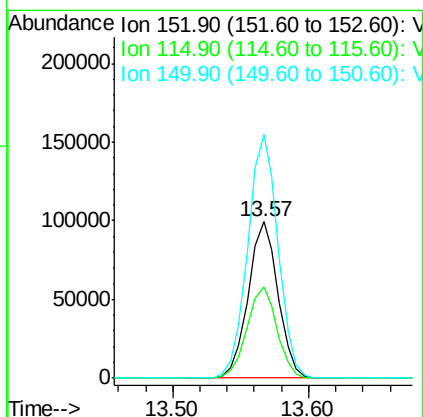
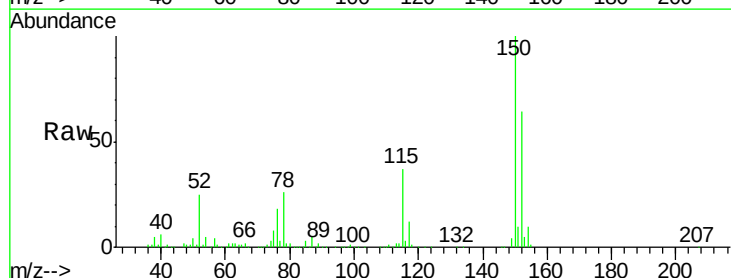
Instrument :
MSVOA_W
ClientSampleId :

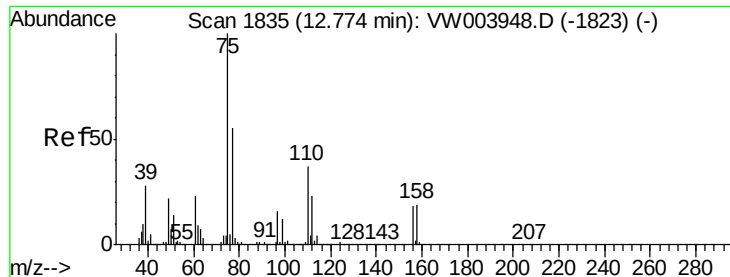
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.5	69.7
119	31.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003964.D
Acq: 16 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.2	87.6
150	158.5	0.0	345.2





#76

1,2,3-Trichloropropane

Concen: 51.844 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003964.D

Acq: 16 Jul 2018 21:01

Instrument :

MSVOA_W

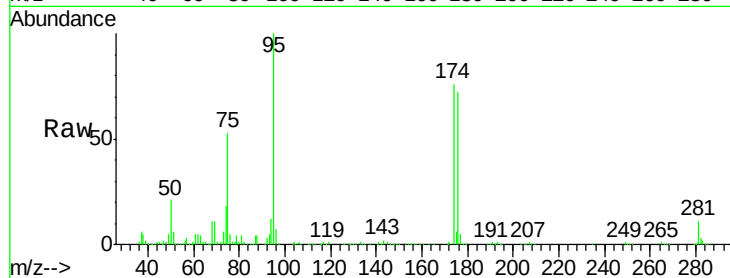
ClientSampled :

Tot Ion: 75 Resp: 78407

Ion Ratio Lower Upper

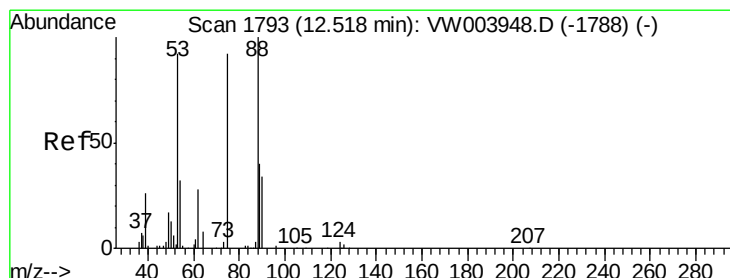
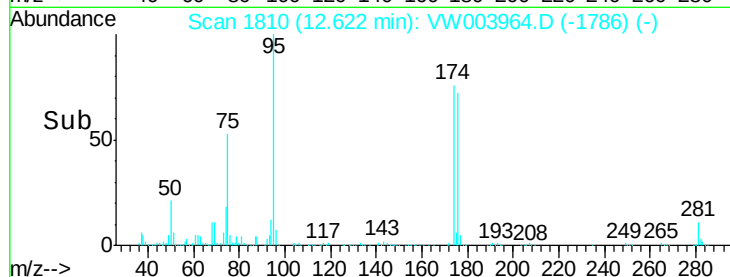
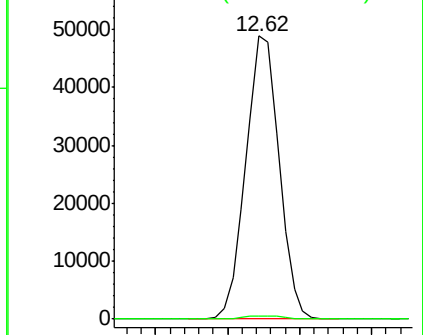
75 100

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: 114.678 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003964.D

Acq: 16 Jul 2018 21:01

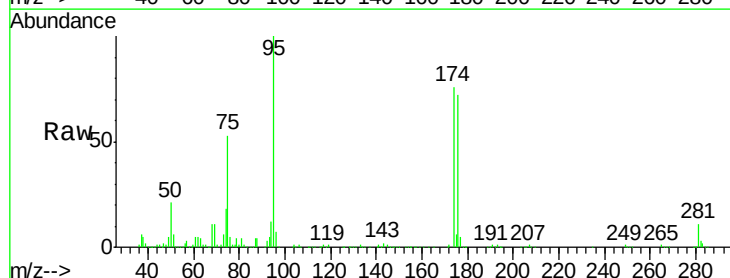
Tgt Ion: 75 Resp: 78407

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.1 36.6 54.8#



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

