

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004201.D
 Acq On : 25 Jul 2018 18:35
 Operator : SY/AP
 Sample : VW0726SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBL01

Quant Time: Jul 26 05:10:57 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	220709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171257	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	137109	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	
35) Dibromofluoromethane	7.88	113	118870	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.33	98	430978	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
62) 4-Bromofluorobenzene	12.62	95	143800	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	

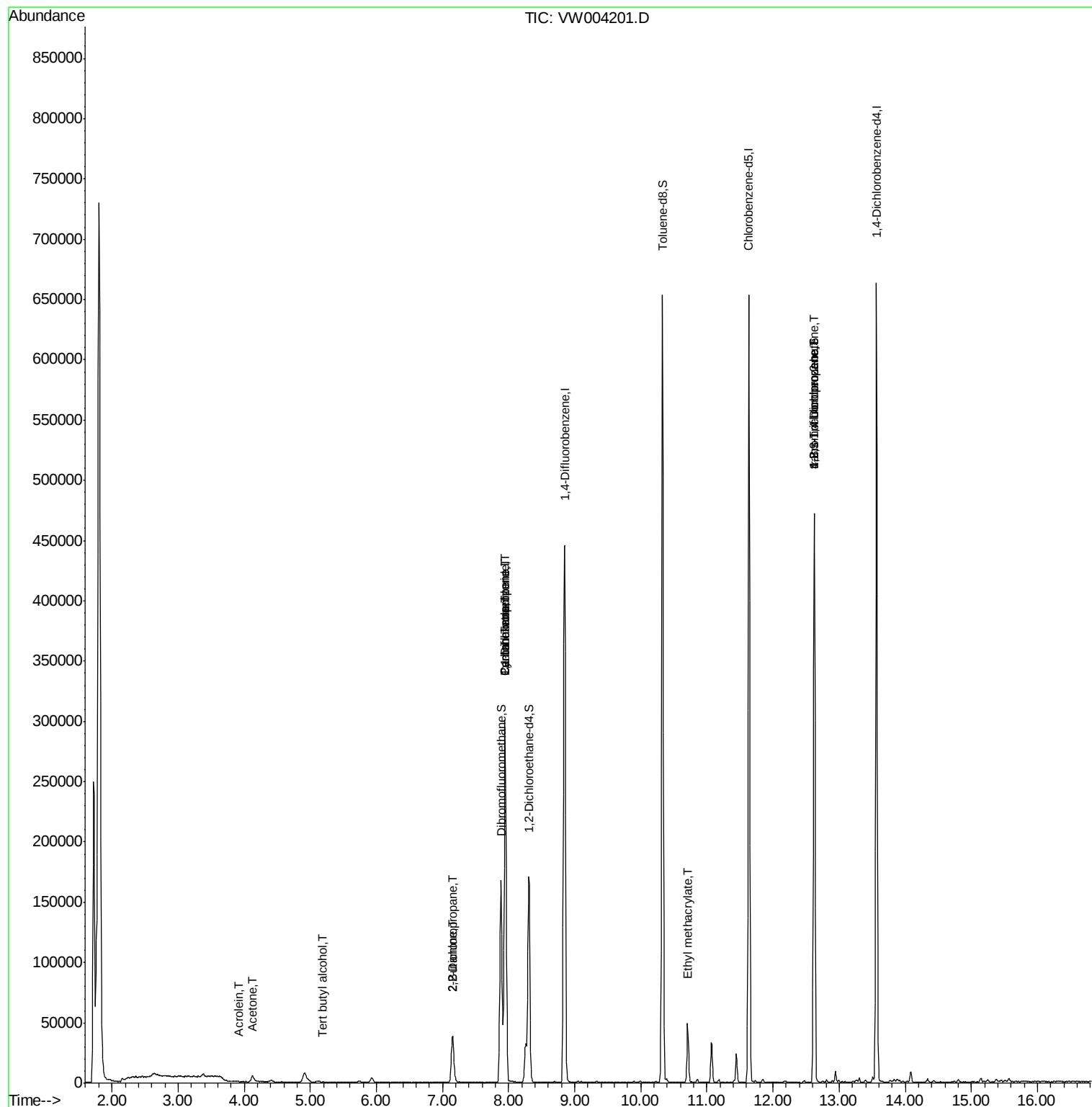
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	540	3.171	ug/l #	72
13) Acrolein	3.90	56	340	1.943	ug/l #	66
16) Acetone	4.12	43	10130	17.087	ug/l	98
20) Methylene Chloride	4.91	84	6965	Below Cal		95
25) 2-Butanone	7.15	43	2039	2.556	ug/l #	79
26) 2,2-Dichloropropane	7.15	77	2653	1.059	ug/l #	52
31) Cyclohexane	7.95	56	5493	1.342	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	18302	4.753	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21898	6.086	ug/l #	18
56) Ethyl methacrylate	10.70	69	21	2.953	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	73640	43.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73640	95.807	ug/l #	11

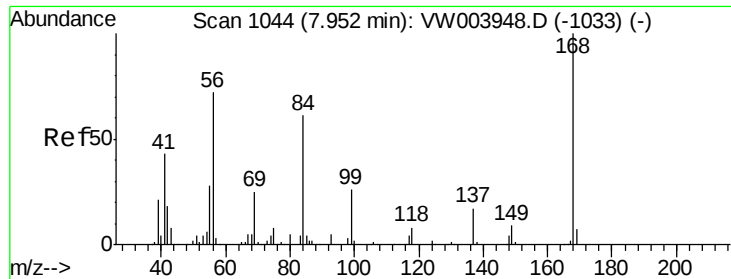
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
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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: VW004201.D

Acq: 25 Jul 2018 18:35

Instrument :

MSVOA_W

ClientSampled :

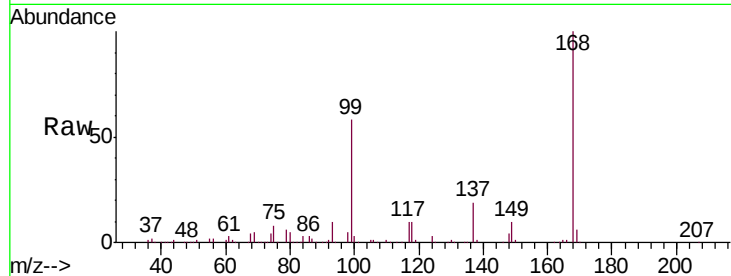
VW0726SBL01

Tgt Ion:168 Resp: 220709

Ion Ratio Lower Upper

168 100

99 57.7 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

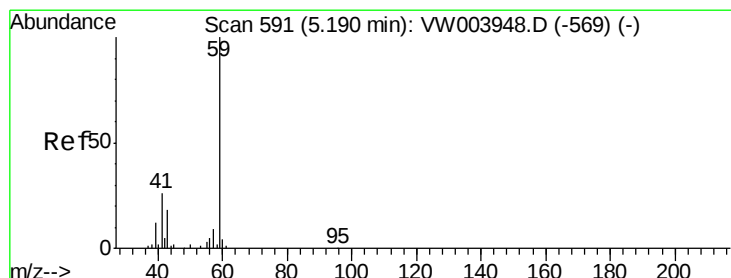
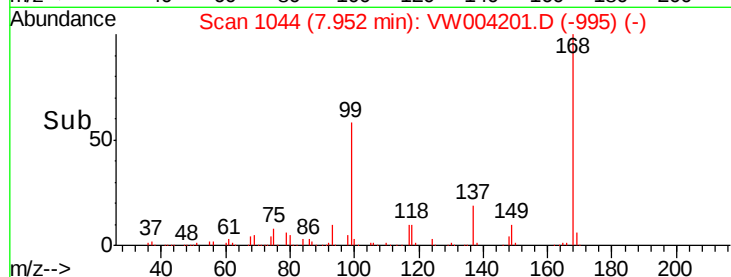
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 3.171 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.01 min

Lab File: VW004201.D

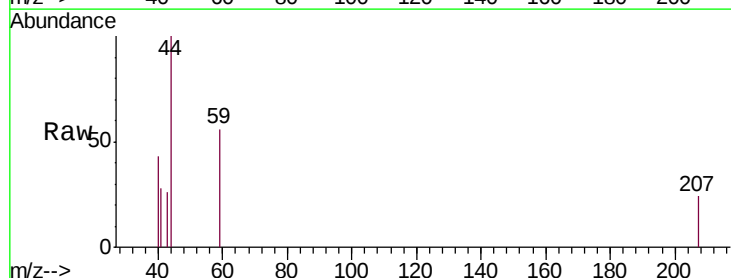
Acq: 25 Jul 2018 18:35

Tgt Ion: 59 Resp: 540

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

300

250

200

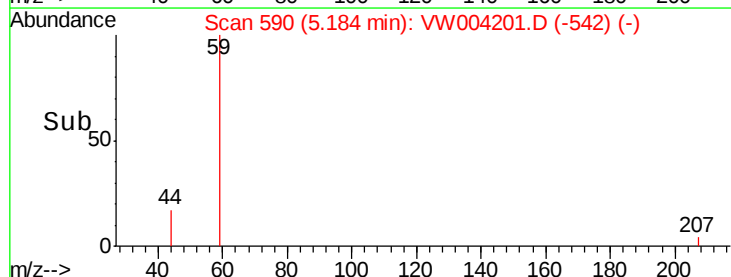
150

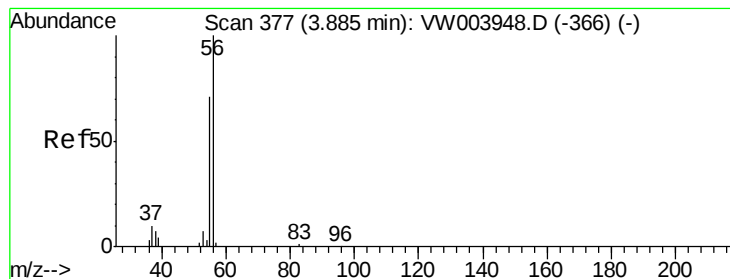
100

50

0

Time--> 5.15 5.20 5.25





#13

Acrolein

Concen: 1.943 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.02 min

Lab File: VW004201.D

Acq: 25 Jul 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

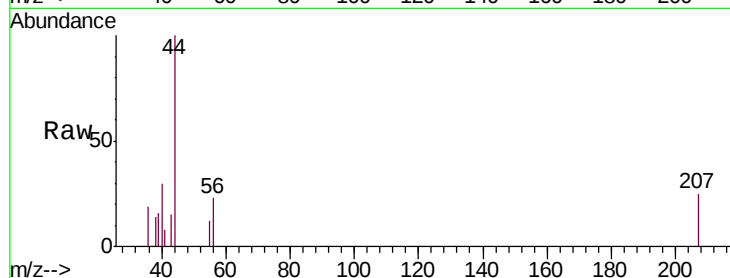
VW0726SBL01

Tgt Ion: 56 Resp: 340

Ion Ratio Lower Upper

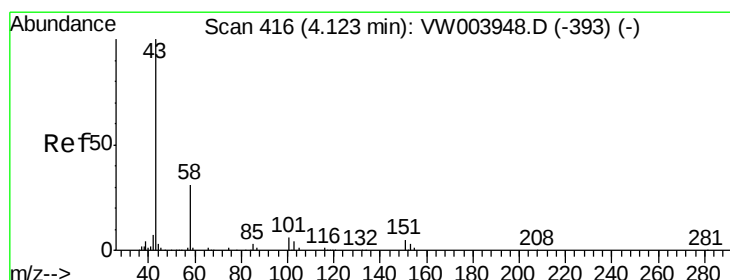
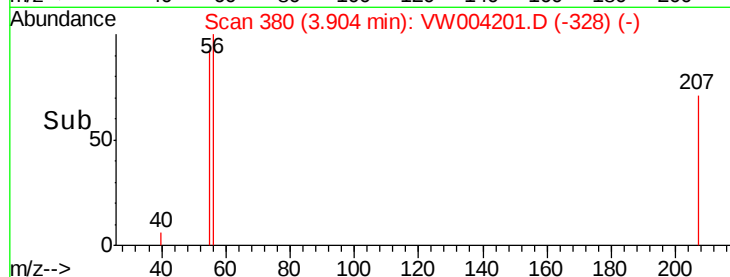
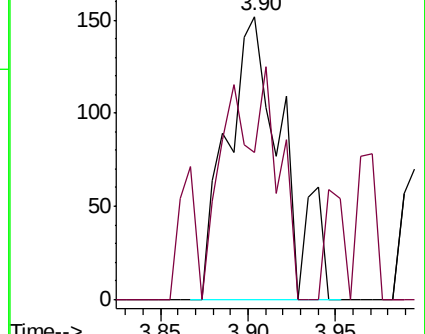
56 100

55 44.7 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 17.087 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004201.D

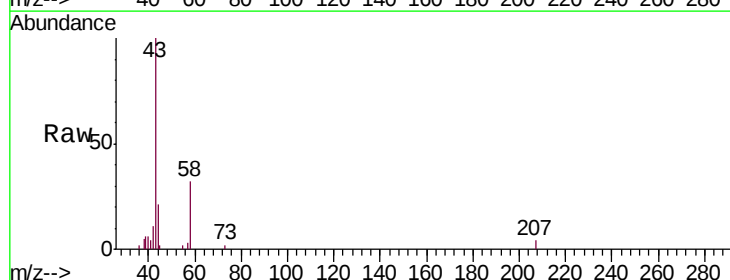
Acq: 25 Jul 2018 18:35

Tgt Ion: 43 Resp: 10130

Ion Ratio Lower Upper

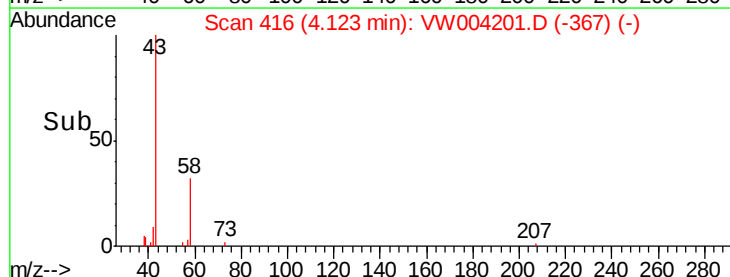
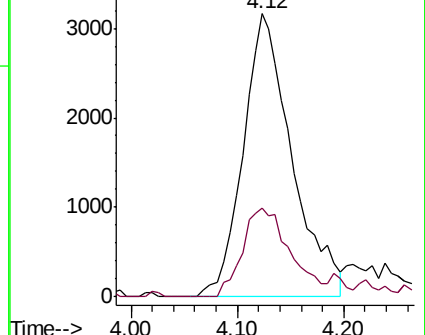
43 100

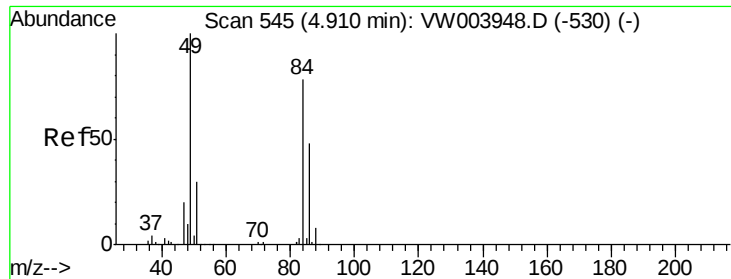
58 31.5 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

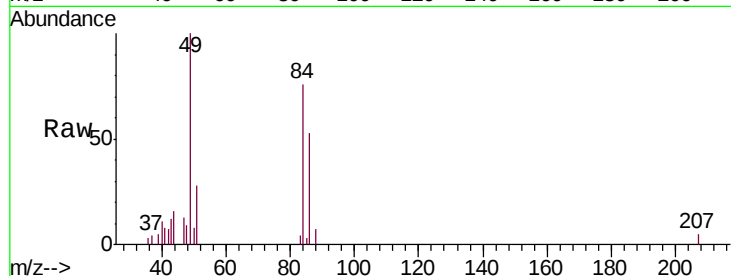




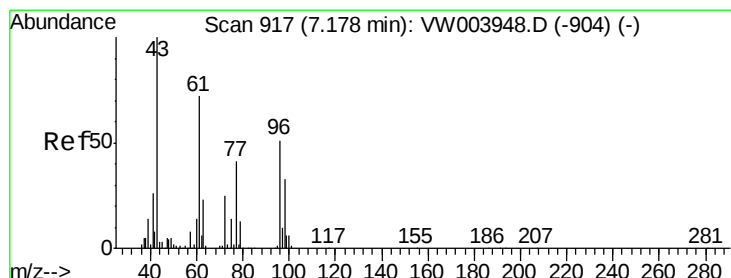
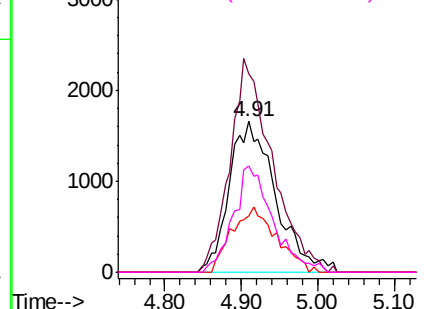
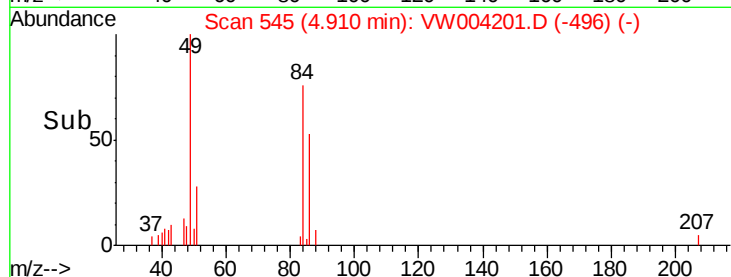
#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004201.D
Acq: 25 Jul 2018 18:35

Instrument :
MSVOA_W
ClientSampleId :
VW0726SBL01

Tgt Ion:	84	Resp:	6965
Ion	Ratio	Lower	Upper
84	100		
49	131.9	102.9	154.3
51	37.4	30.9	46.3
86	70.4	49.9	74.9

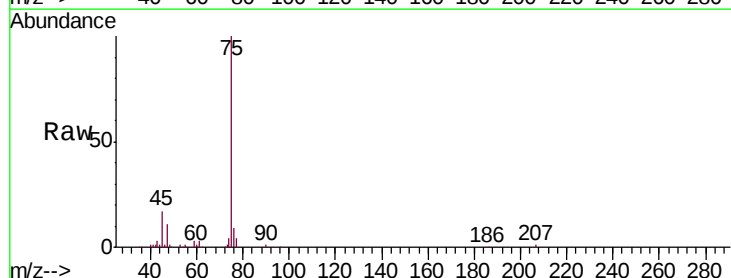


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

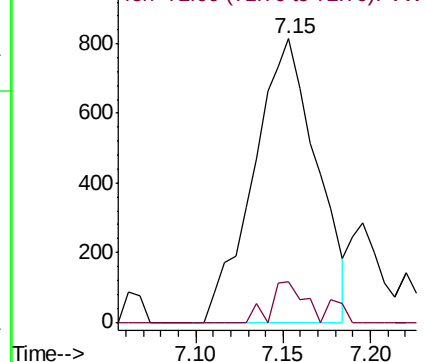
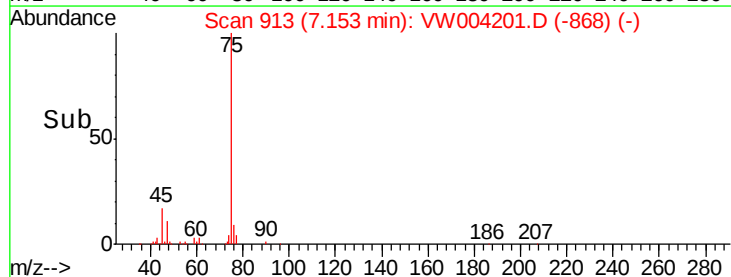


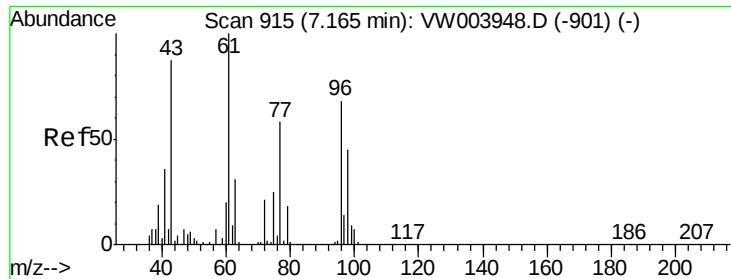
#25
2-Butanone
Concen: 2.556 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004201.D
Acq: 25 Jul 2018 18:35

Tgt Ion:	43	Resp:	2039
Ion	Ratio	Lower	Upper
43	100		
72	14.4	19.8	29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

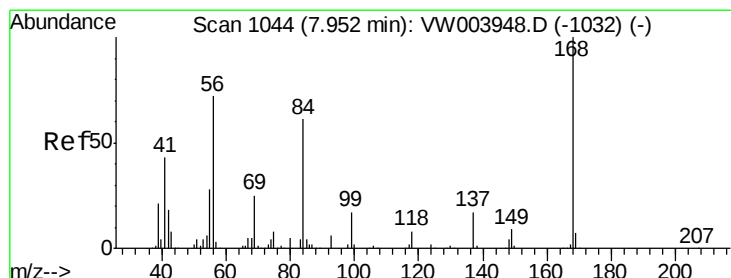
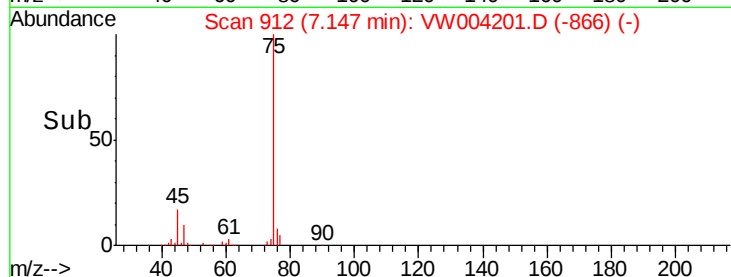
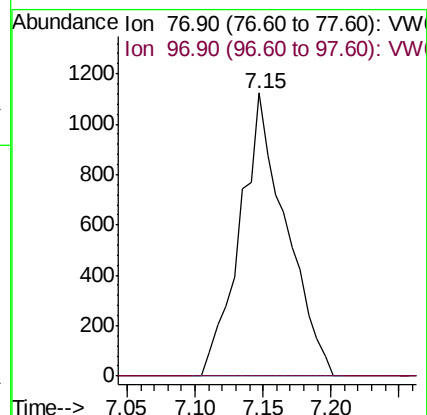
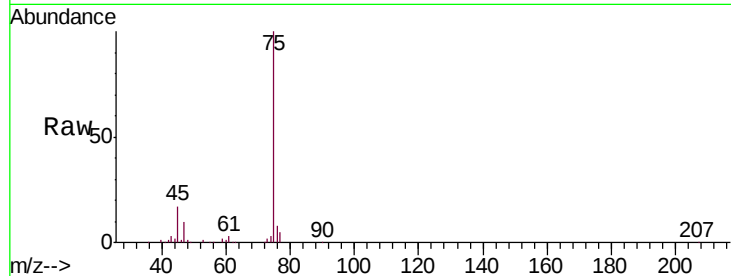




#26
 2,2-Dichloropropane
 Concen: 1.059 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VW004201.D
 Acq: 25 Jul 2018 18:35

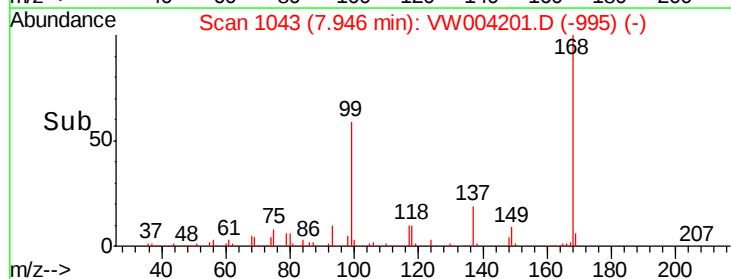
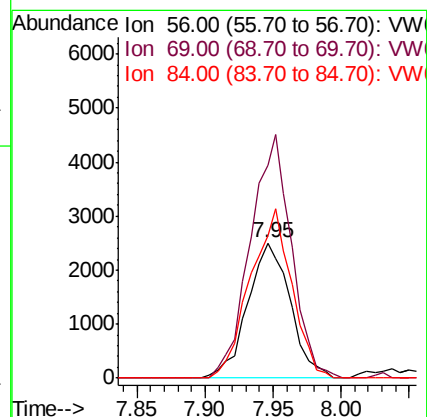
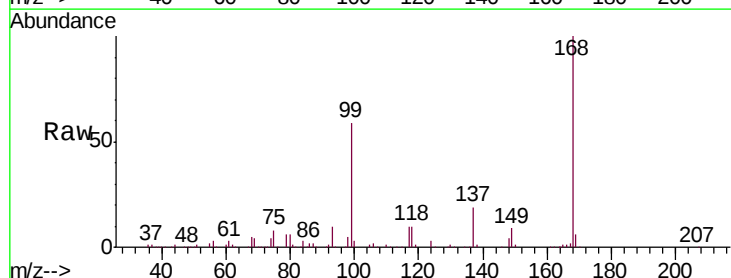
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBL01

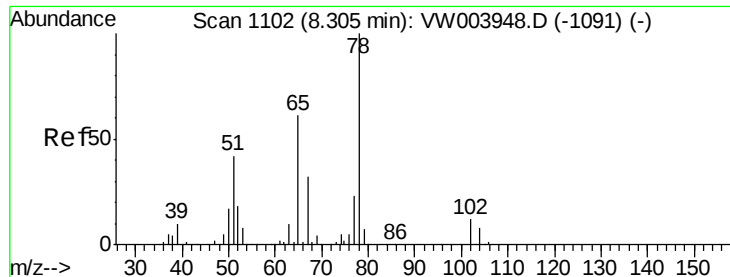
Tgt Ion: 77 Resp: 2653
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#



#31
 Cyclohexane
 Concen: 1.342 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VW004201.D
 Acq: 25 Jul 2018 18:35

Tgt Ion: 56 Resp: 5493
 Ion Ratio Lower Upper
 56 100
 69 157.8 27.8 41.8#
 84 105.6 67.2 100.8#

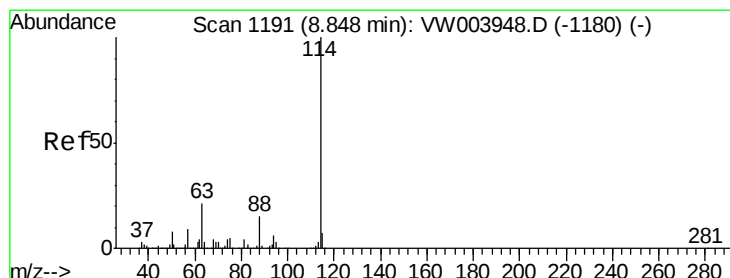
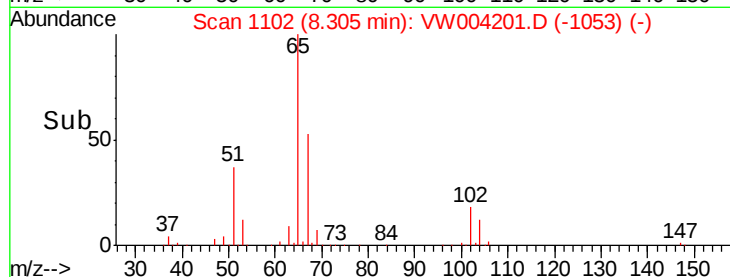
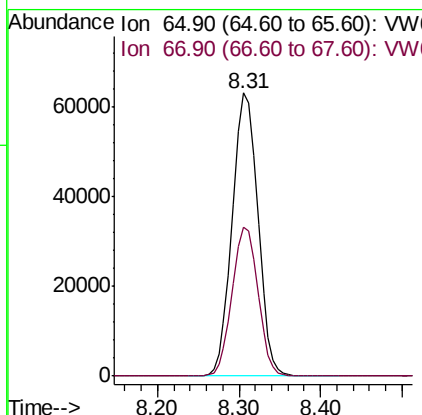
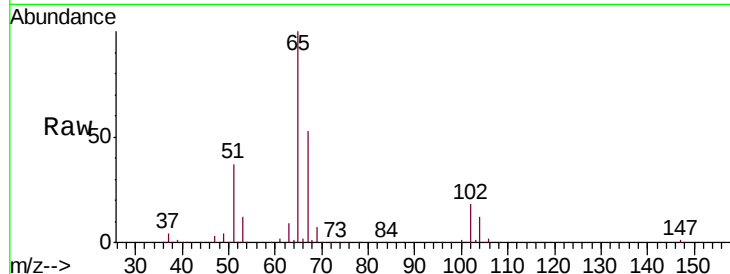




#33
 1,2-Dichloroethane-d4
 Concen: 55.575 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004201.D
 Acq: 25 Jul 2018 18:35

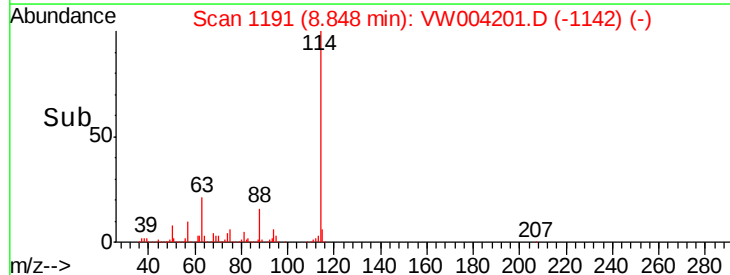
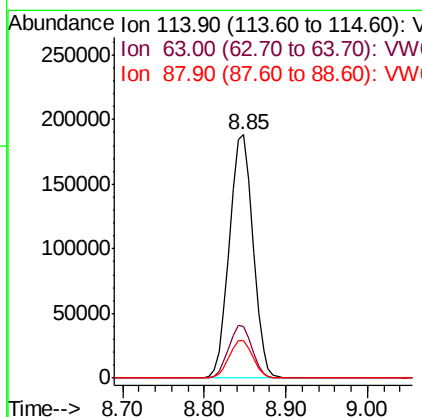
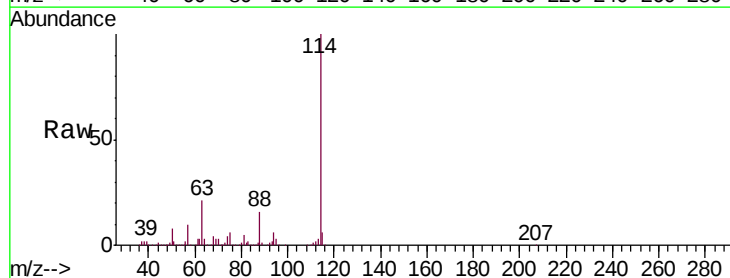
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0726SBL01

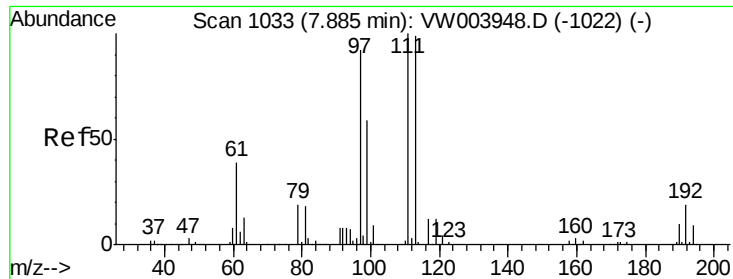
Tgt Ion: 65 Resp: 137109
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004201.D
 Acq: 25 Jul 2018 18:35

Tgt Ion: 114 Resp: 374260
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.8
 88 15.6 0.0 30.4

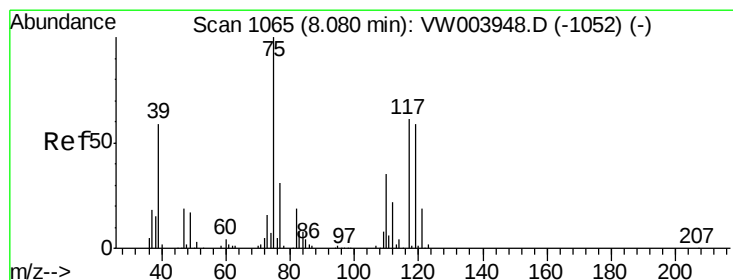
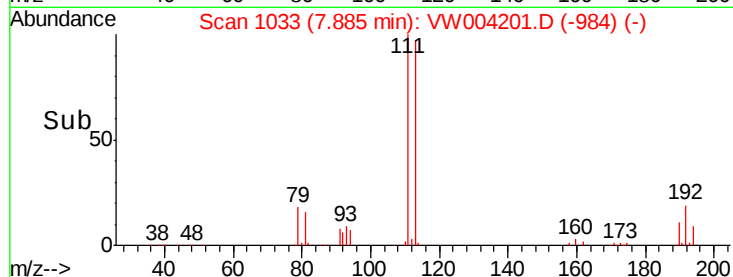
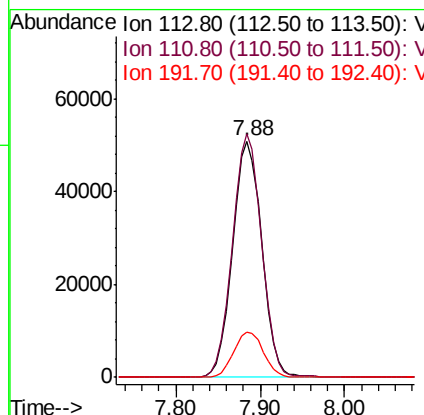
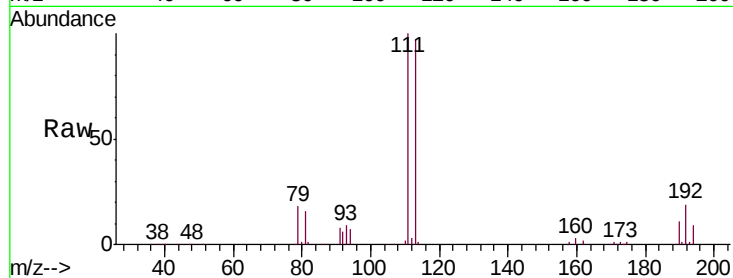




#35
 Dibromofluoromethane
 Concen: 49.501 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004201.D
 Acq: 25 Jul 2018 18:35

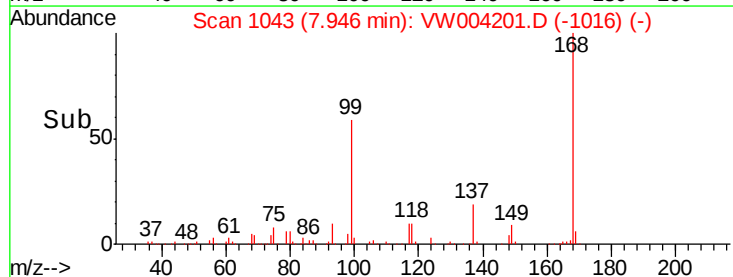
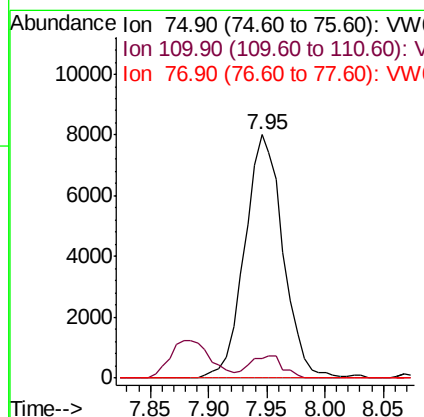
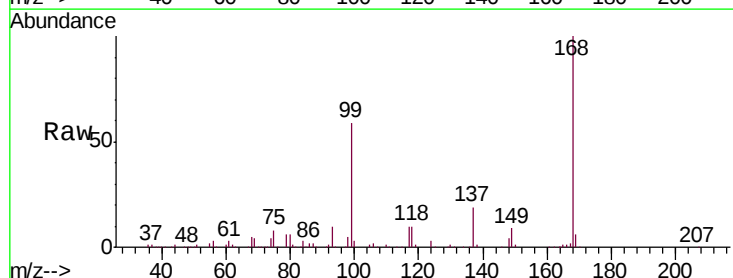
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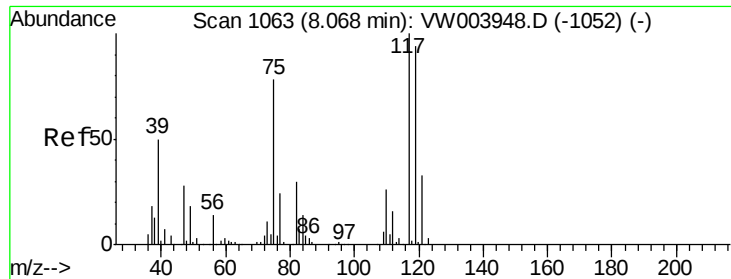
Tgt Ion:113 Resp: 118870
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 19.5 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004201.D
 Acq: 25 Jul 2018 18:35

Tgt Ion: 75 Resp: 18302
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.0 51.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.086 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004201.D

Acq: 25 Jul 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBL01

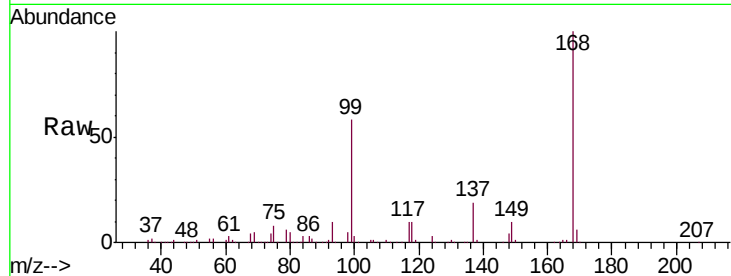
Tgt Ion:117 Resp: 21898

Ion Ratio Lower Upper

117 100

119 7.2 75.3 112.9#

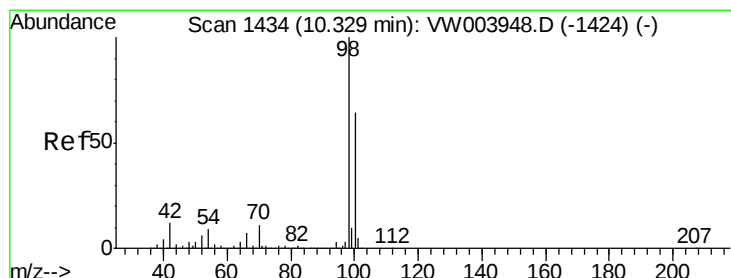
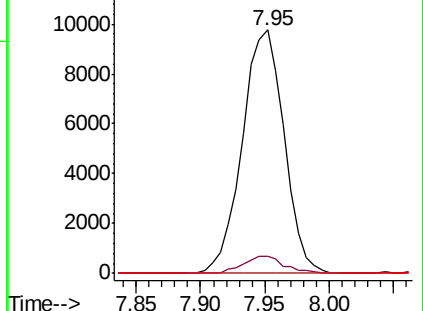
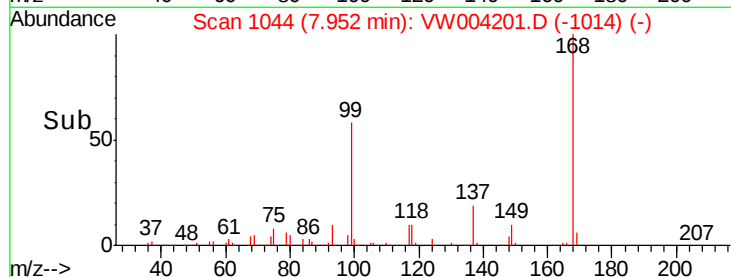
121 0.0 26.0 39.0#



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: 46.253 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004201.D

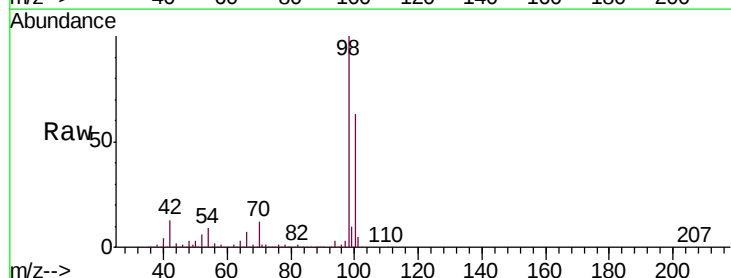
Acq: 25 Jul 2018 18:35

Tgt Ion: 98 Resp: 430978

Ion Ratio Lower Upper

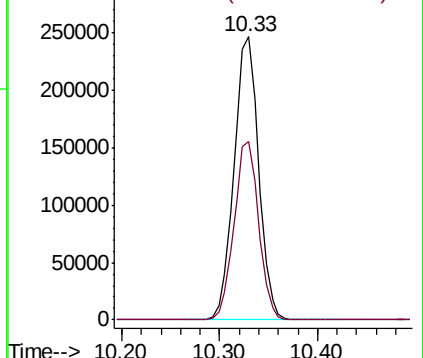
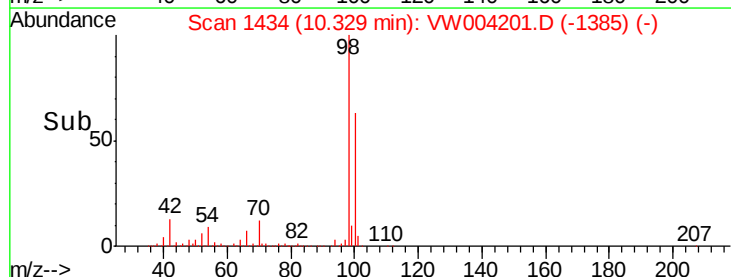
98 100

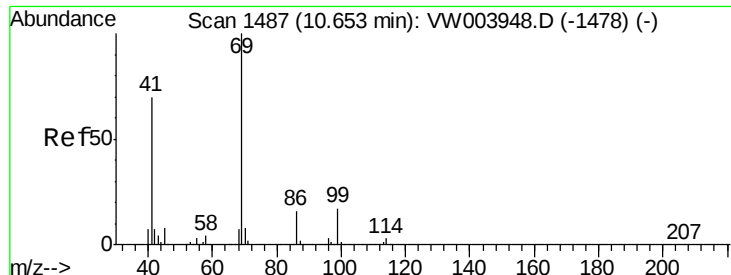
100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.953 ug/l

RT: 10.70 min Scan# 1495

Delta R.T. 0.05 min

Lab File: VW004201.D

Acq: 25 Jul 2018 18:35

Instrument :

MSVOA_W

ClientSampleId :

VW0726SBL01

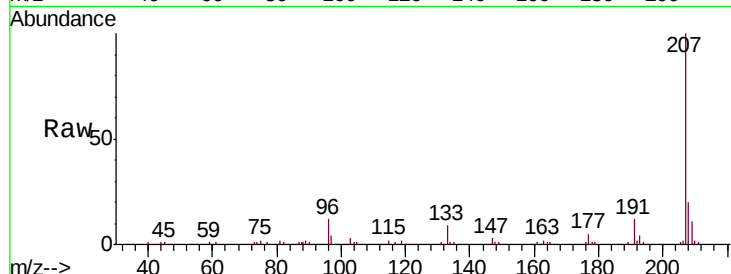
Tgt Ion: 69 Resp: 21

Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

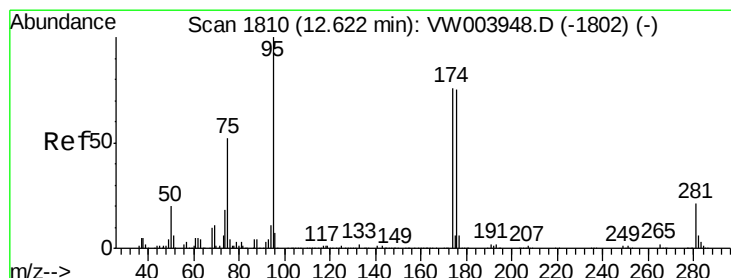
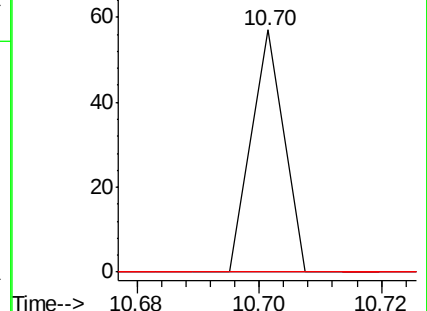
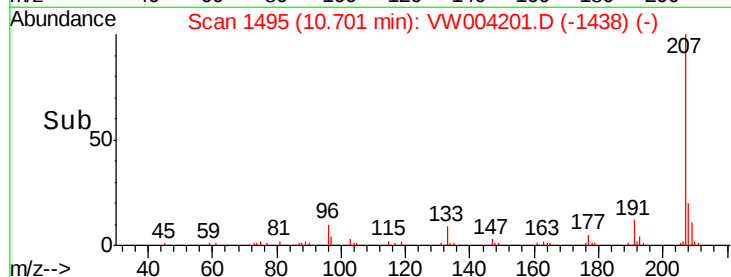
39 0.0 30.2 45.4#



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: 42.798 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004201.D

Acq: 25 Jul 2018 18:35

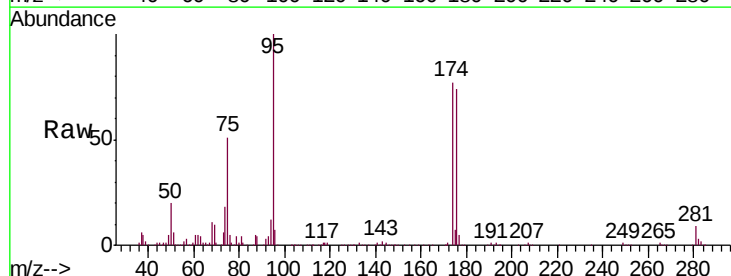
Tgt Ion: 95 Resp: 143800

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.2

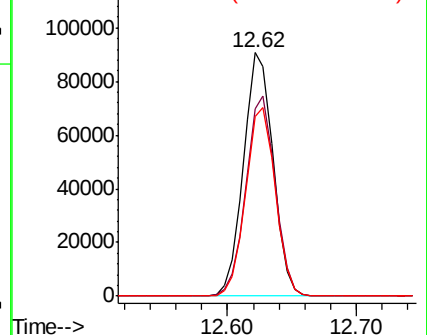
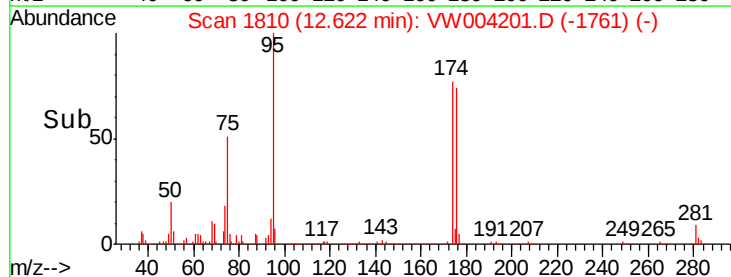
176 77.3 0.0 155.8

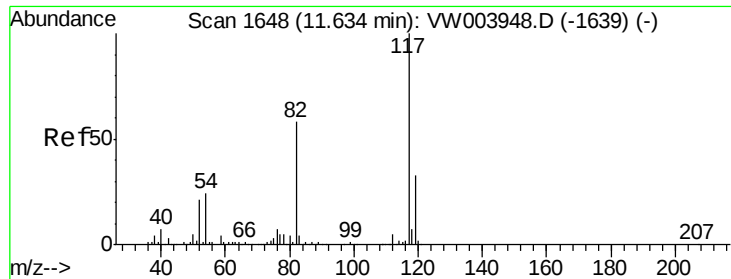


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

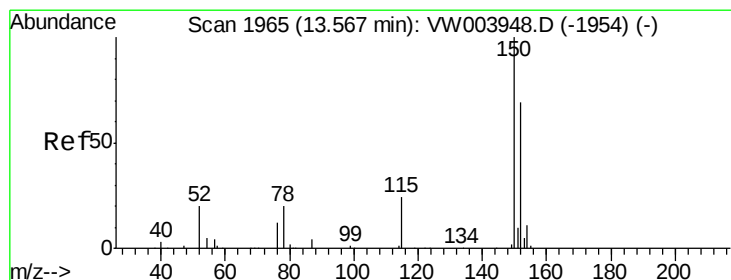
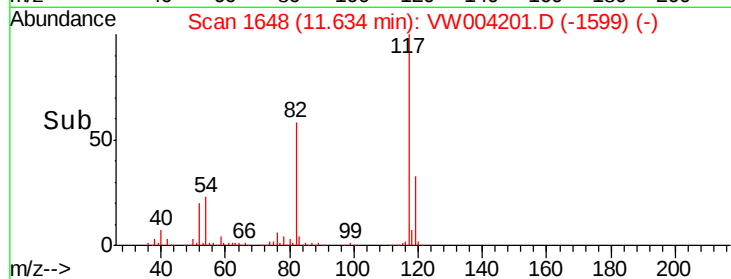
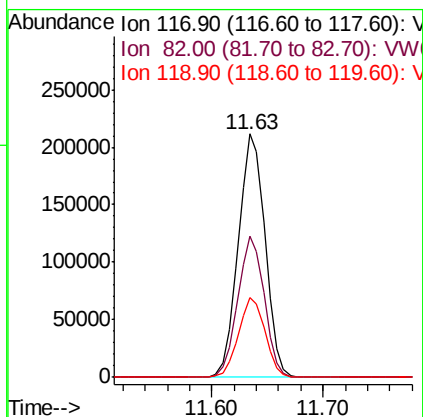
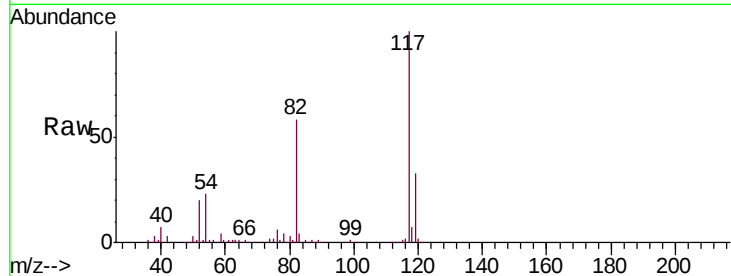




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004201.D
Acq: 25 Jul 2018 18:35

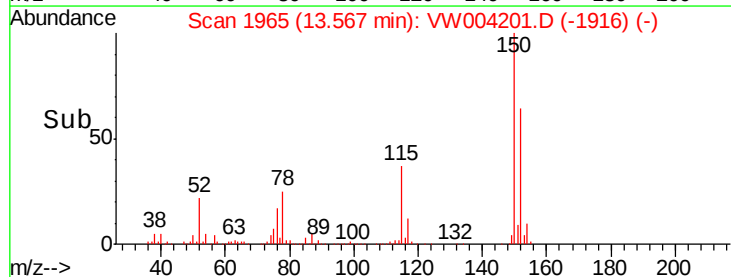
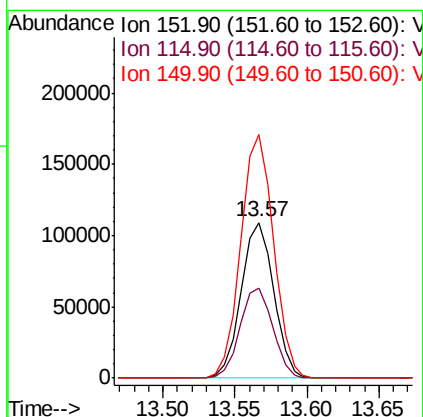
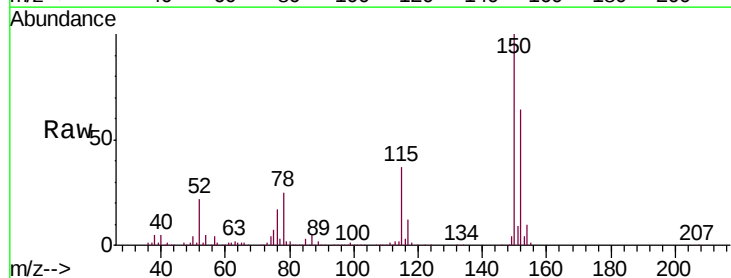
Instrument :
MSVOA_W
ClientSampleId :
VW0726SBL01

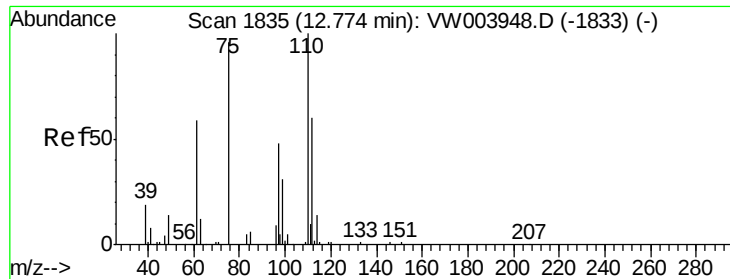
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	32.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004201.D
Acq: 25 Jul 2018 18:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.2	87.6
150	157.5	0.0	345.2





#76

1,2,3-Trichloropropane

Concen: 43.313 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004201.D

Acq: 25 Jul 2018 18:35

Instrument :

MSVOA_W

ClientSampled :

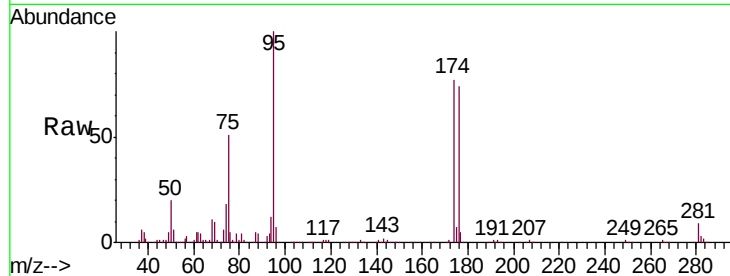
VW0726SBL01

Tgt Ion: 75 Resp: 73640

Ion Ratio Lower Upper

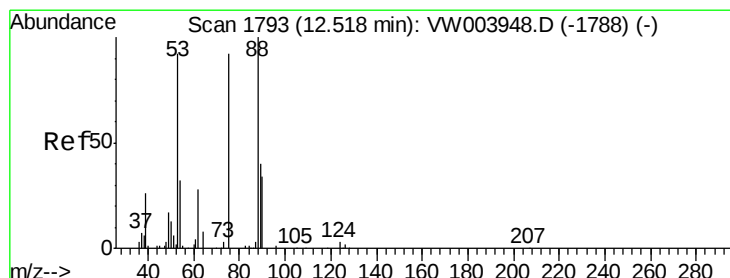
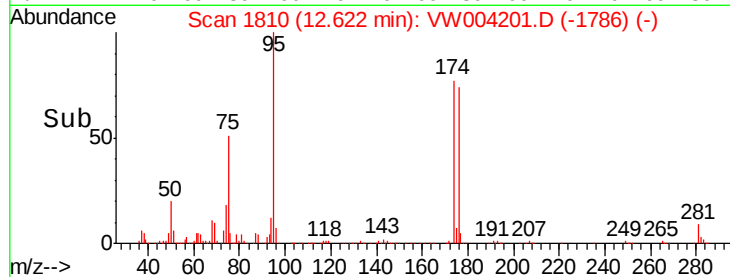
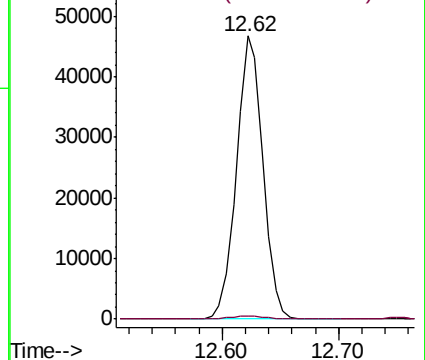
75 100

77 1.3 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: 95.807 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004201.D

Acq: 25 Jul 2018 18:35

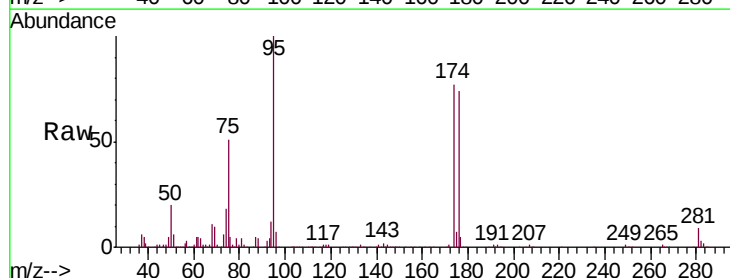
Tgt Ion: 75 Resp: 73640

Ion Ratio Lower Upper

75 100

53 0.3 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

