

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002553.D
 Acq On : 15 May 2018 16:32
 Operator : JC/SY
 Sample : J2883-01
 Misc : 7.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-1-5

Quant Time: May 16 05:44:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	249801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	219460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103728	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	70396	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	
35) Dibromofluoromethane	7.88	113	68920	43.49	ug/l	0.00
Spiked Amount			Recovery	=	86.98%	
50) Toluene-d8	10.33	98	224855	37.29	ug/l	0.00
Spiked Amount			Recovery	=	74.58%	
62) 4-Bromofluorobenzene	12.63	95	79485	36.05	ug/l	0.00
Spiked Amount			Recovery	=	72.10%	

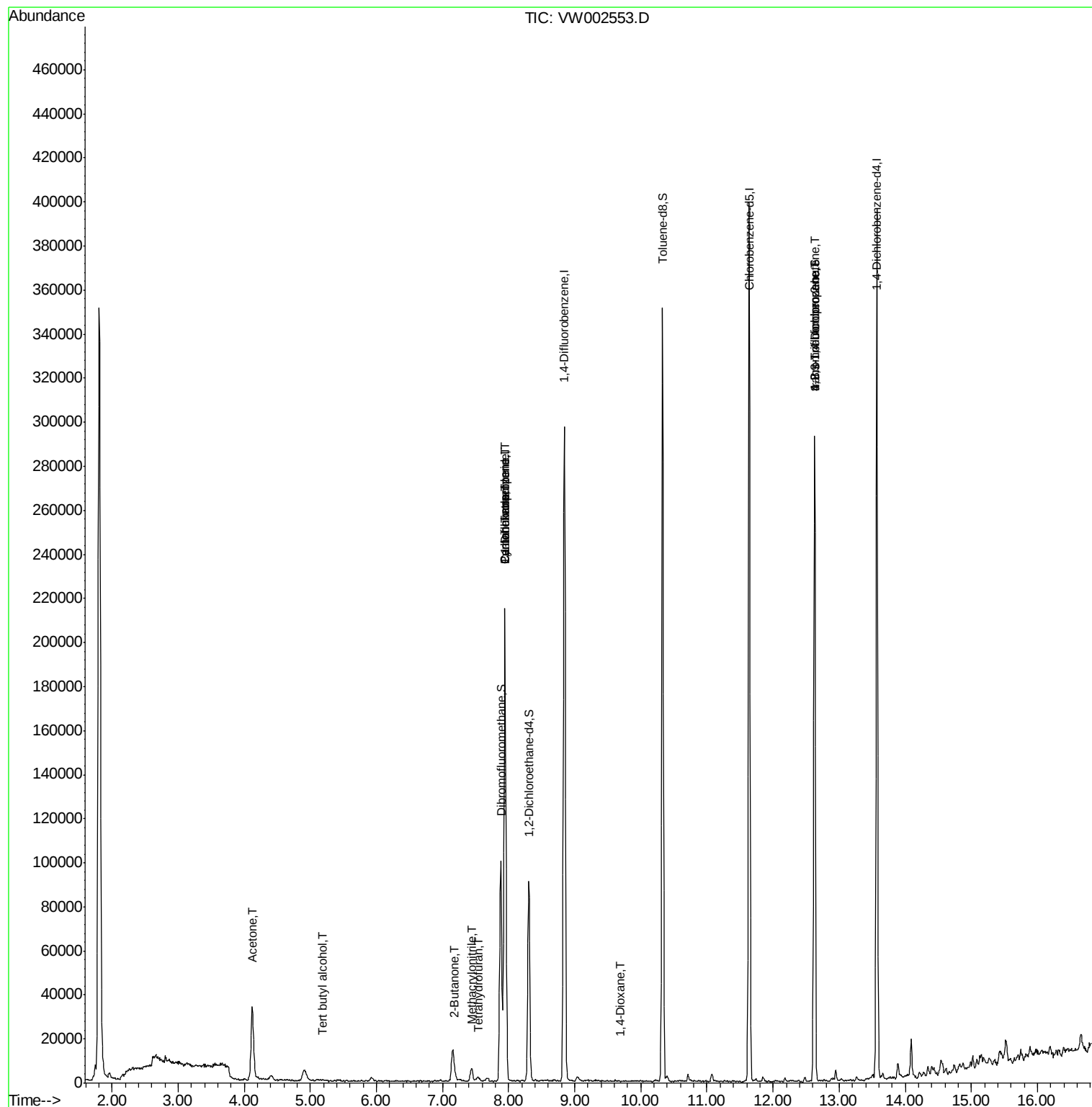
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	713	5.45	ug/l #	72
16) Acetone	4.12	43	60815	169.11	ug/l	99
25) 2-Butanone	7.18	43	3476	6.84	ug/l #	83
29) Tetrahydrofuran	7.53	42	1365	4.30	ug/l	92
31) Cyclohexane	7.95	56	3431	1.42	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12581	5.71	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15471	7.17	ug/l #	17
41) Methacrylonitrile	7.44	41	3472	5.67	ug/l #	47
49) 1,4-Dioxane	9.69	88	20	1.31	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	43405	44.27	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	43405	120.70	ug/l #	8

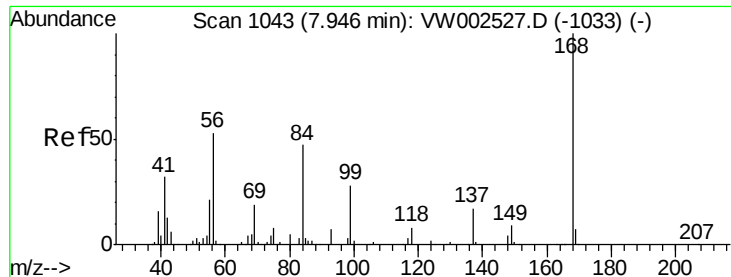
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

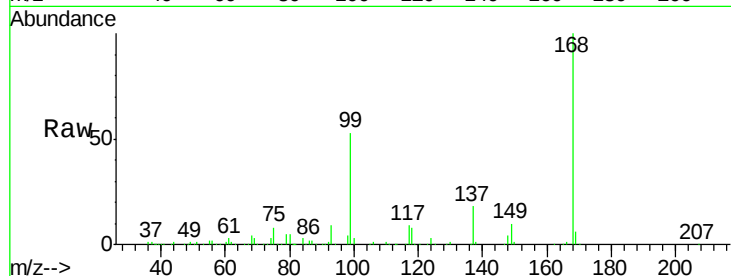
DRUM-1-5

Tgt Ion:168 Resp: 164839

Ion Ratio Lower Upper

168 100

99 53.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

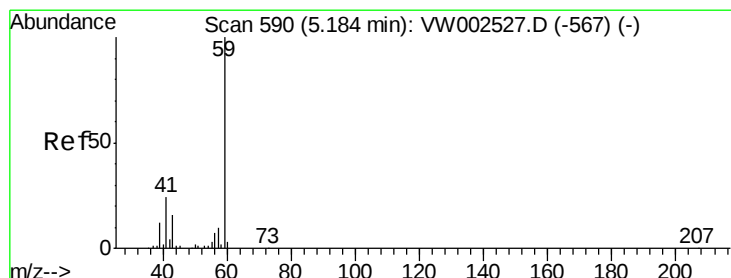
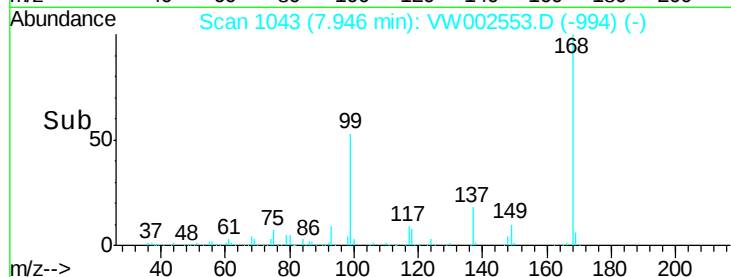
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 5.45 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002553.D

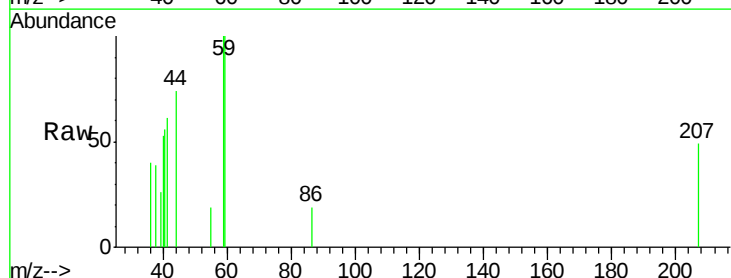
Acq: 15 May 2018 16:32

Tgt Ion: 59 Resp: 713

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

600

500

400

300

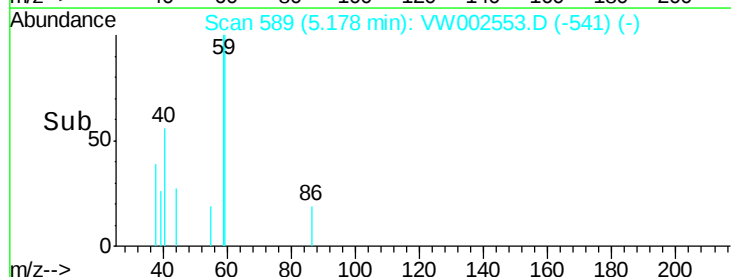
200

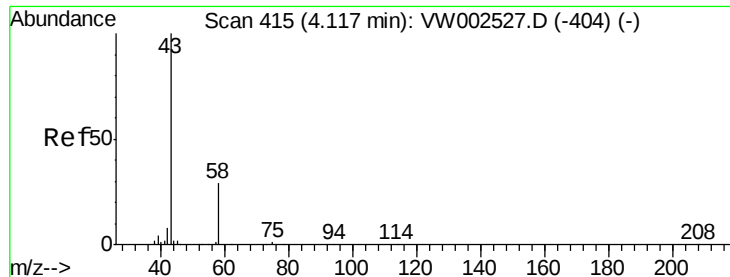
100

0

5.15 5.20

Time-->





#16

Acetone

Concen: 169.11 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

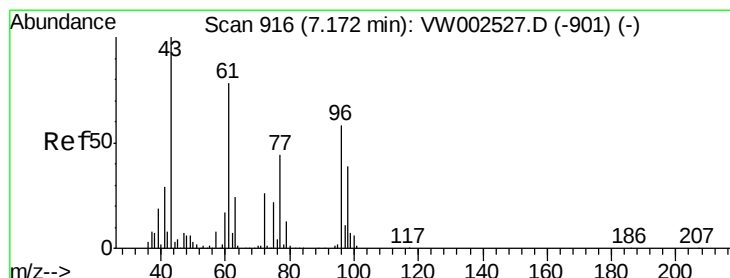
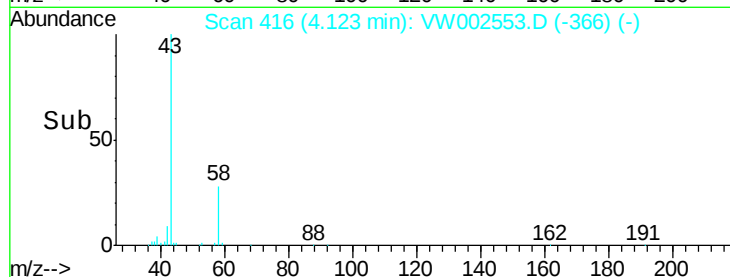
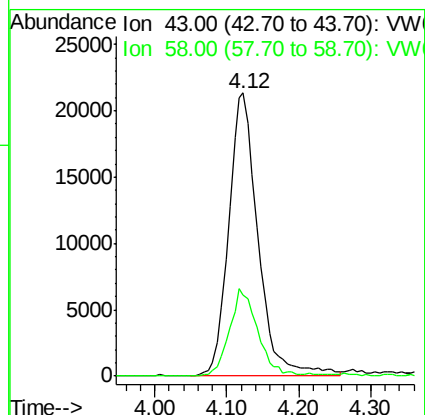
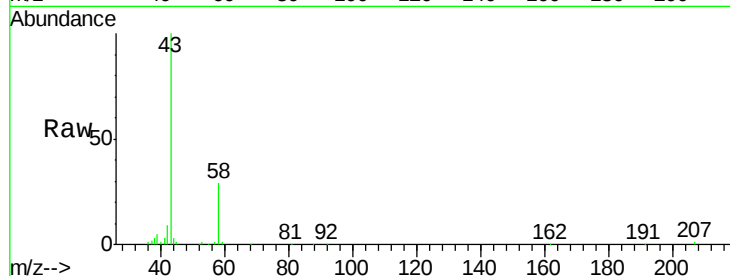
DRUM-1-5

Tgt Ion: 43 Resp: 60815

Ion Ratio Lower Upper

43 100

58 28.7 23.4 35.0



#25

2-Butanone

Concen: 6.84 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW002553.D

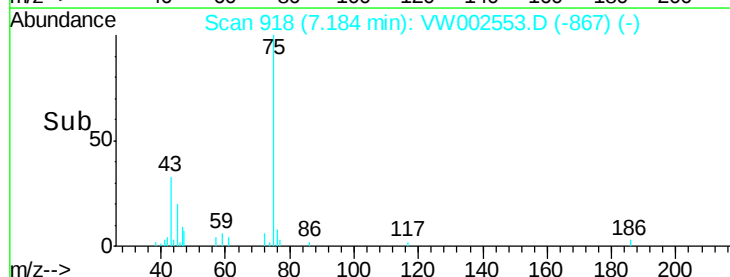
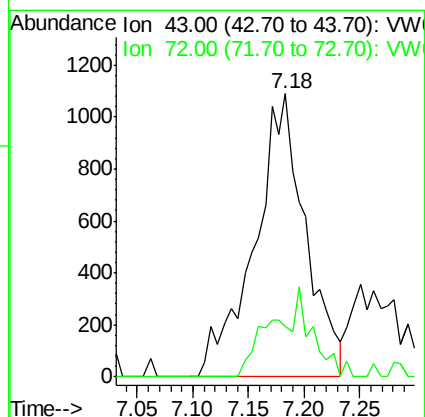
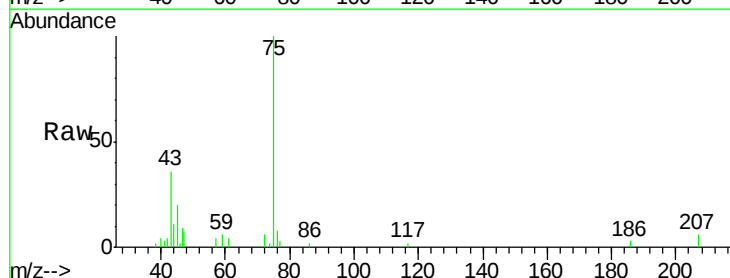
Acq: 15 May 2018 16:32

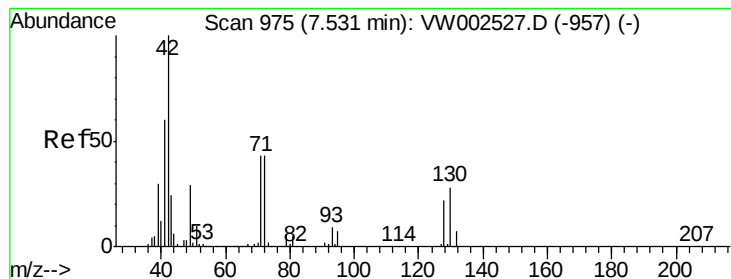
Tgt Ion: 43 Resp: 3476

Ion Ratio Lower Upper

43 100

72 17.6 20.9 31.3#





#29

Tetrahydrofuran

Concen: 4.30 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-5

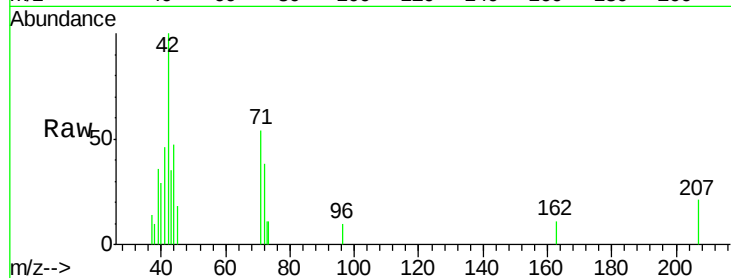
Tgt Ion: 42 Resp: 1365

Ion Ratio Lower Upper

42 100

72 37.7 35.0 52.4

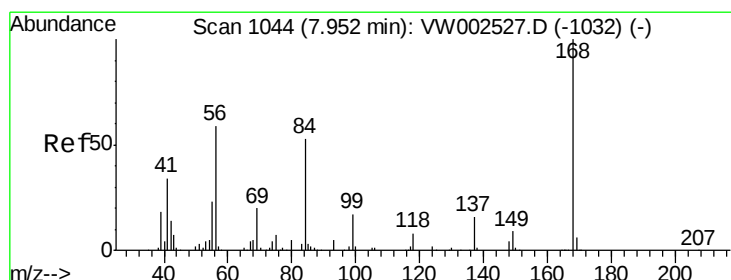
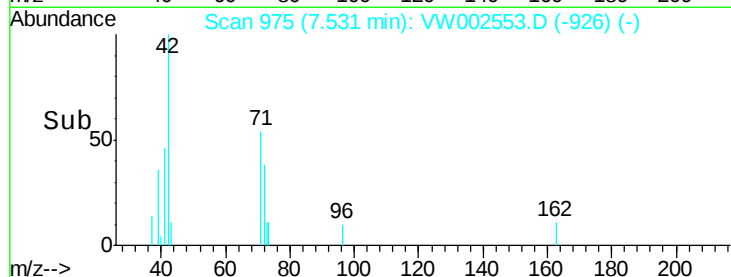
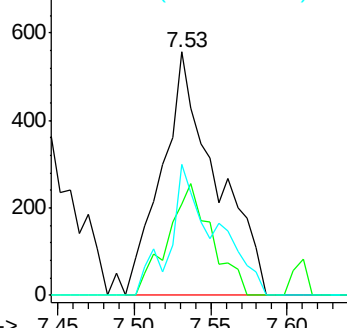
71 45.8 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.42 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

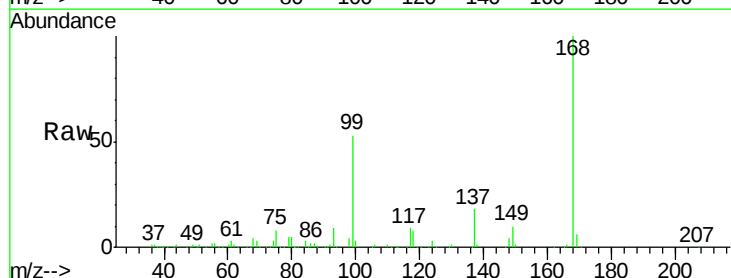
Tgt Ion: 56 Resp: 3431

Ion Ratio Lower Upper

56 100

69 140.2 27.0 40.4#

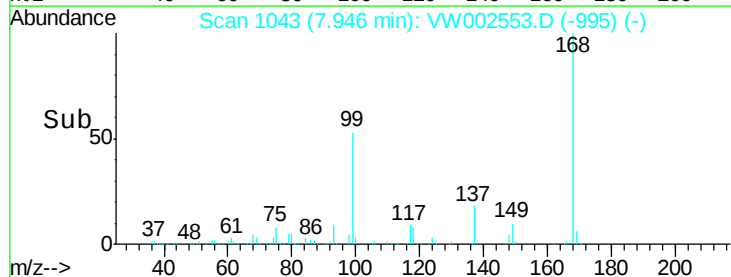
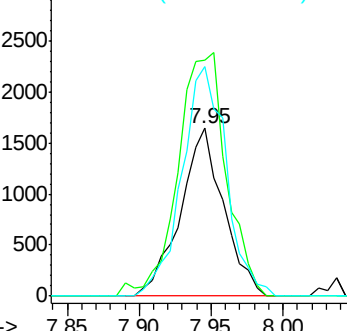
84 136.6 72.2 108.2#

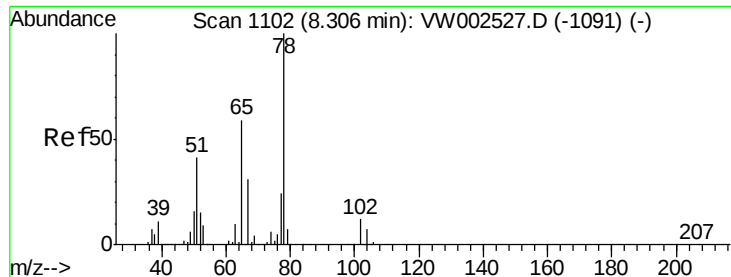


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

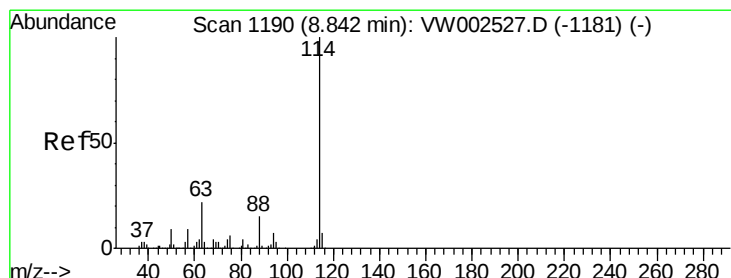
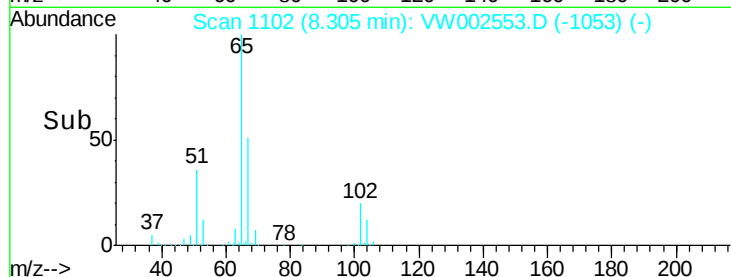
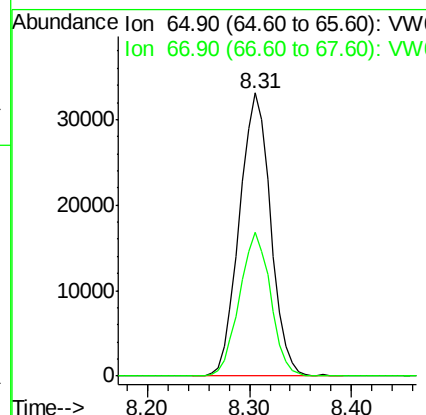
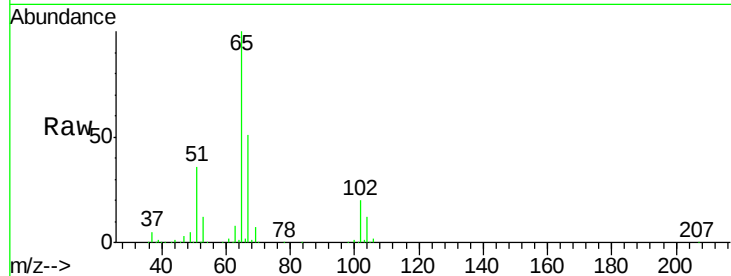




#33
 1,2-Dichloroethane-d4
 Concen: 41.33 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002553.D
 Acq: 15 May 2018 16:32

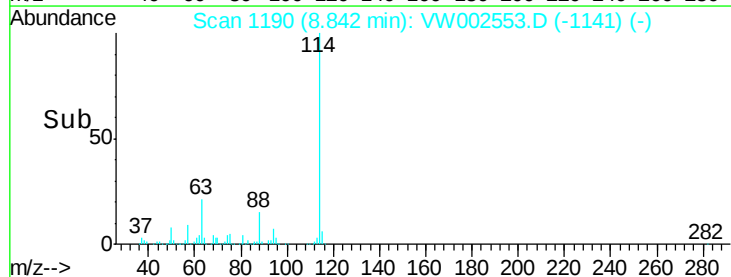
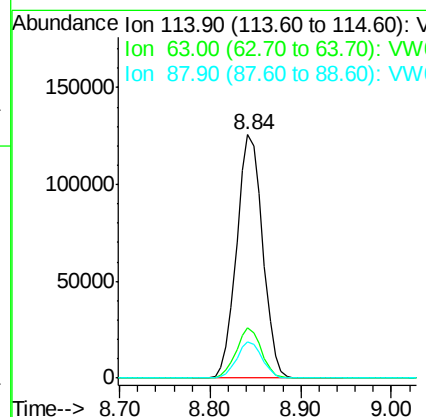
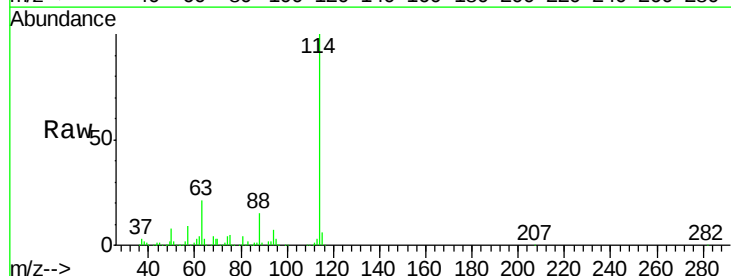
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-1-5

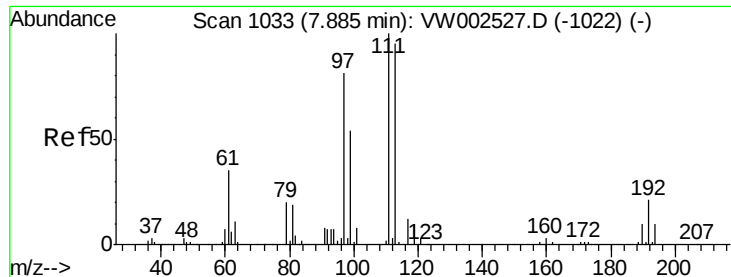
Tgt Ion: 65 Resp: 70396
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002553.D
 Acq: 15 May 2018 16:32

Tgt Ion: 114 Resp: 249801
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 14.7 0.0 29.2

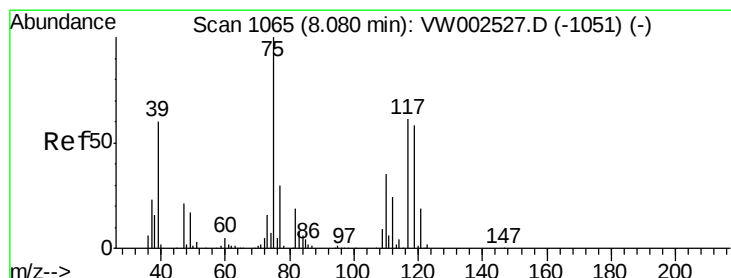
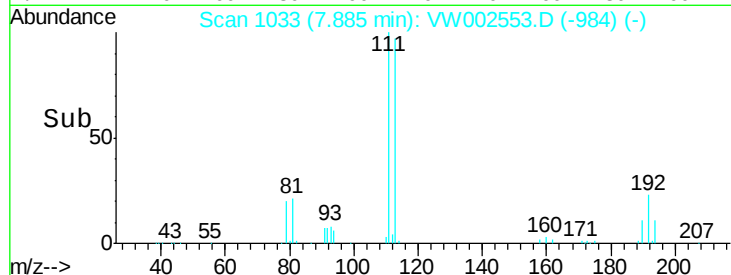
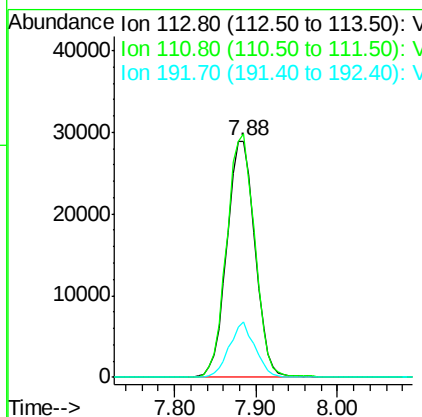
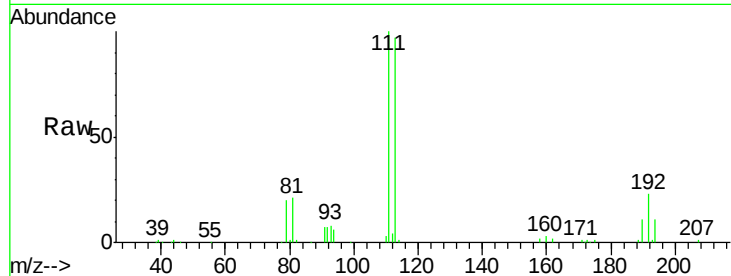




#35
 Dibromofluoromethane
 Concen: 43.49 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002553.D
 Acq: 15 May 2018 16:32

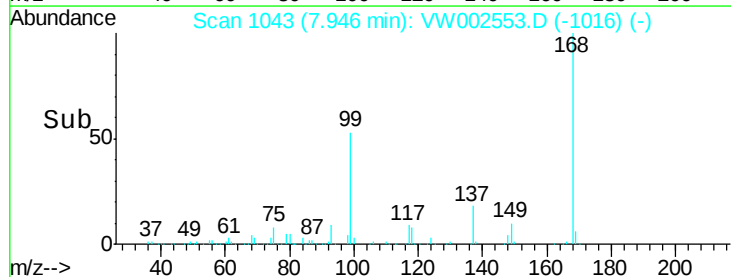
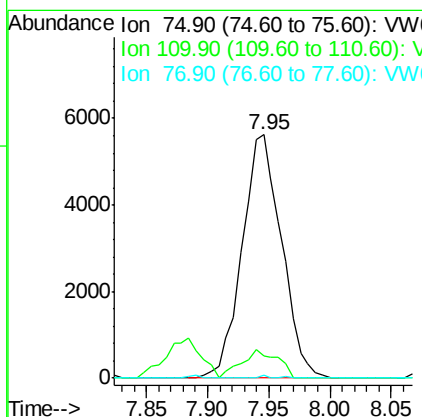
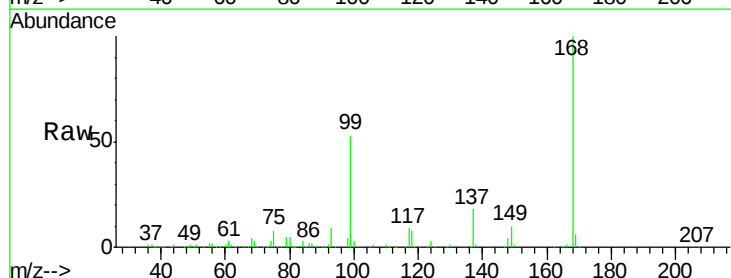
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-1-5

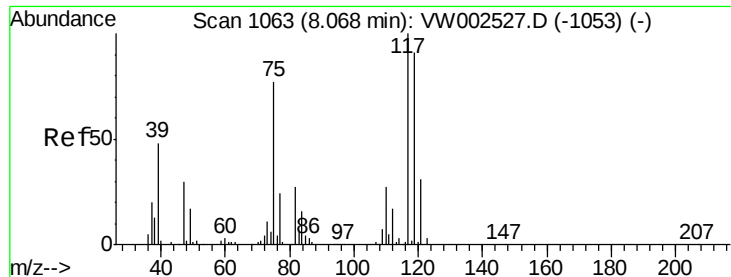
Tgt Ion:113 Resp: 68920
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 21.3 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 5.71 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002553.D
 Acq: 15 May 2018 16:32

Tgt Ion: 75 Resp: 12581
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.8 53.5#
 77 0.2 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 7.17 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-5

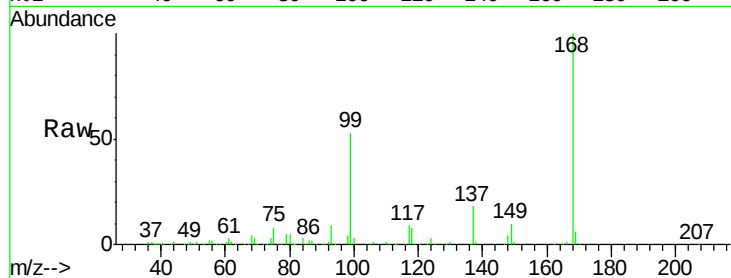
Tgt Ion:117 Resp: 15471

Ion Ratio Lower Upper

117 100

119 3.6 73.1 109.7#

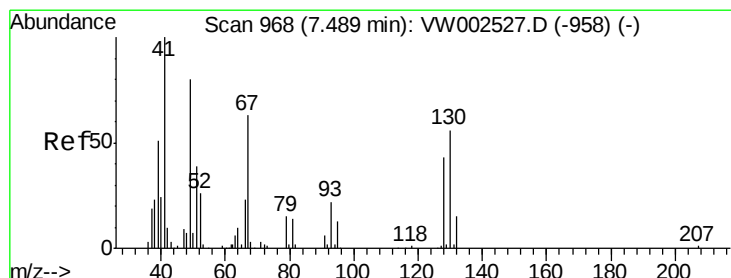
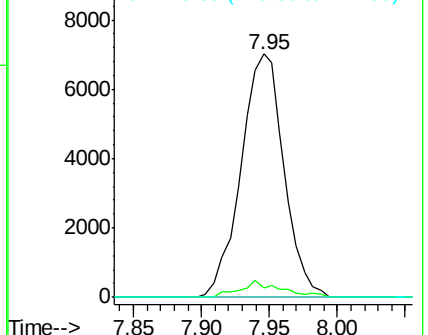
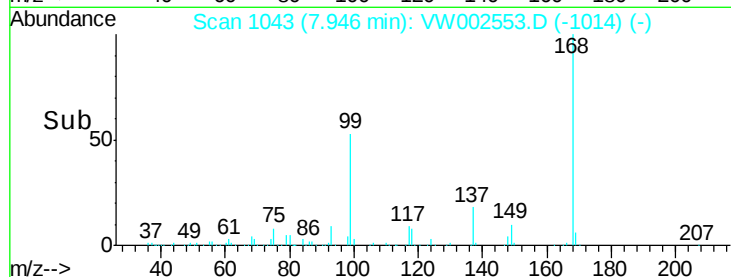
121 0.0 24.4 36.6#



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



#41

Methacrylonitrile

Concen: 5.67 ug/l

RT: 7.44 min Scan# 960

Delta R.T. -0.05 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Tgt Ion: 41 Resp: 3472

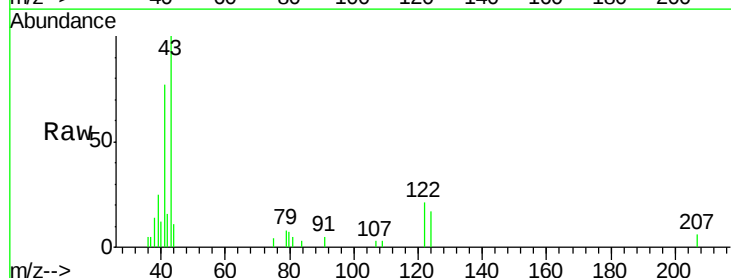
Ion Ratio Lower Upper

41 100

39 58.2 51.8 77.8

67 0.0 59.9 89.9#

52 0.0 26.6 39.8#

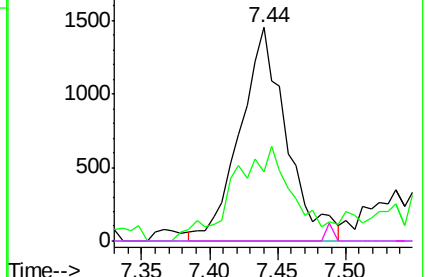
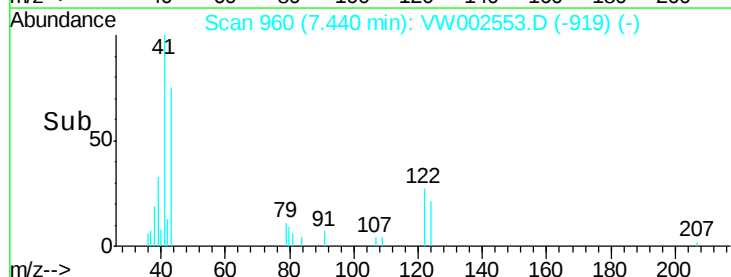


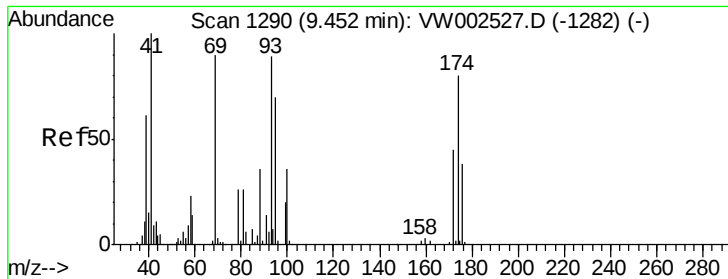
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

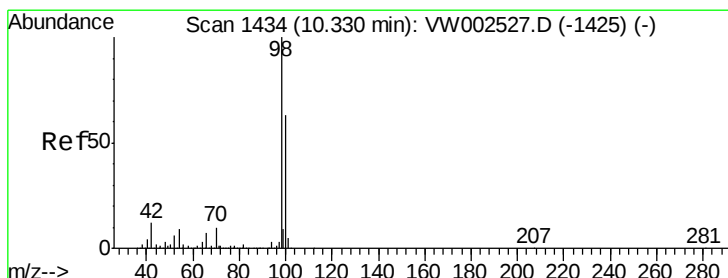
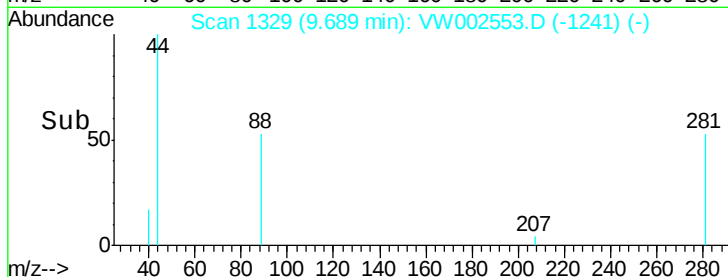
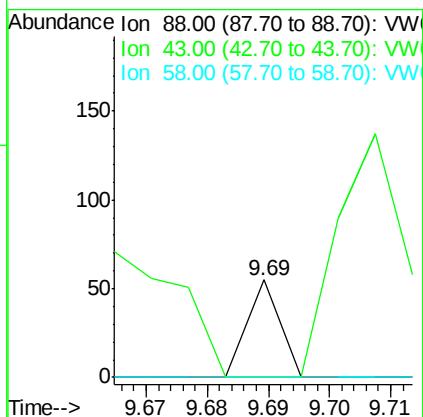
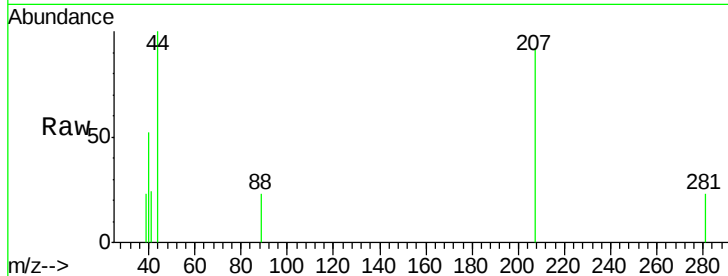




#49
1,4-Dioxane
Concen: 1.31 ug/l
RT: 9.69 min Scan# 1329
Delta R.T. 0.24 min
Lab File: VW002553.D
Acq: 15 May 2018 16:32

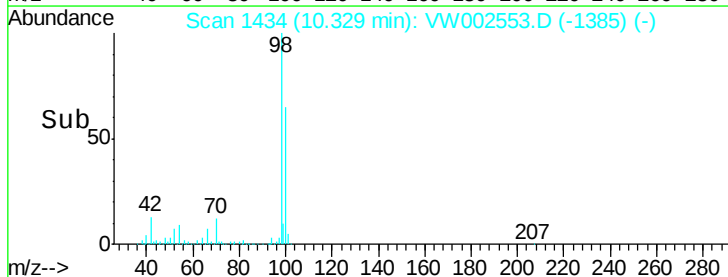
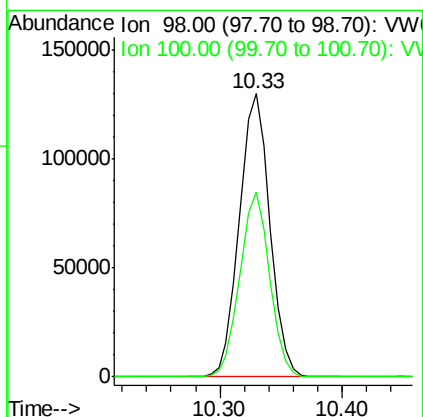
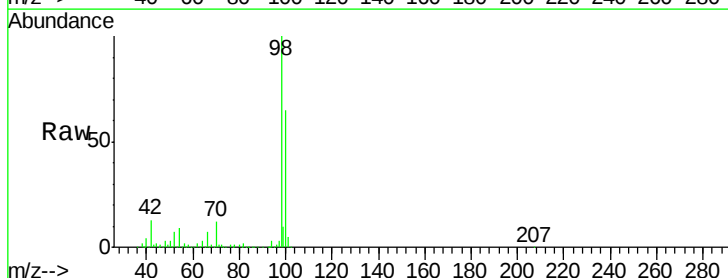
Instrument :
MSVOA_W
ClientSampleId :
DRUM-1-5

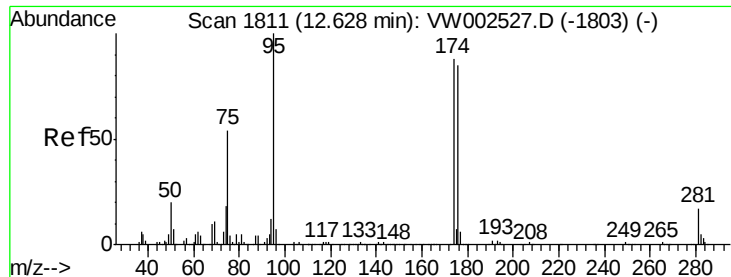
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 750.0 27.0 40.4#
58 0.0 56.9 85.3#



#50
Toluene-d8
Concen: 37.29 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002553.D
Acq: 15 May 2018 16:32

Tgt Ion: 98 Resp: 224855
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4





#62

4-Bromofluorobenzene

Concen: 36.05 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-5

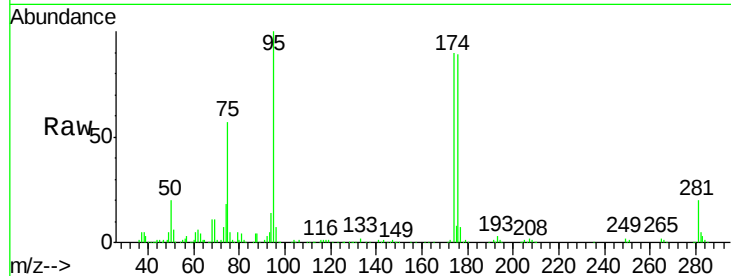
Tgt Ion: 95 Resp: 79485

Ion Ratio Lower Upper

95 100

174 91.3 0.0 176.6

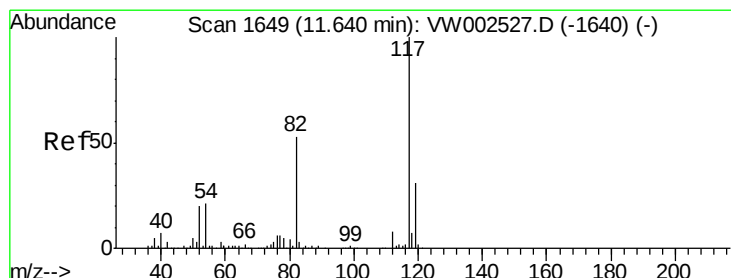
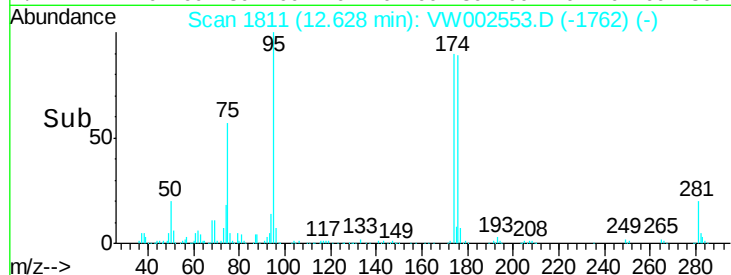
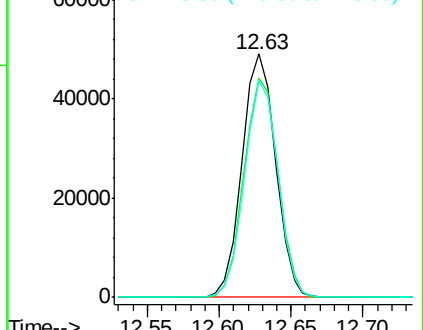
176 88.1 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

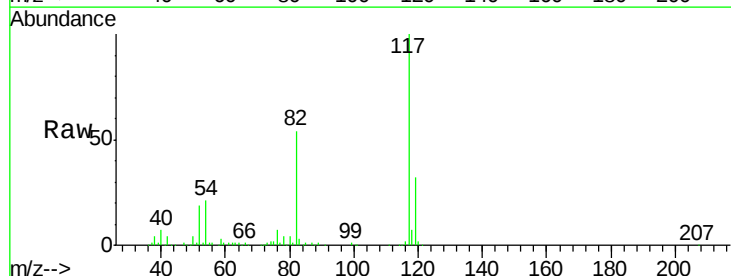
Tgt Ion: 117 Resp: 219460

Ion Ratio Lower Upper

117 100

82 53.9 42.6 64.0

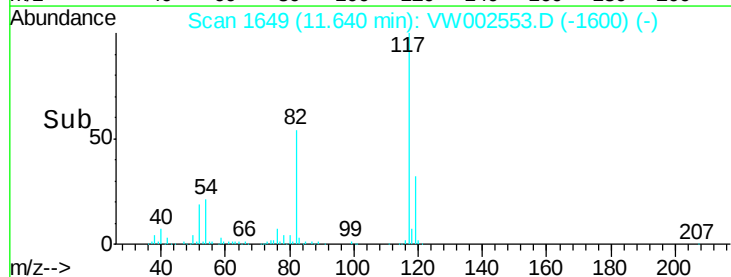
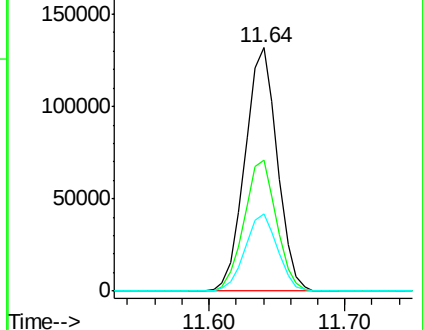
119 31.9 25.0 37.6

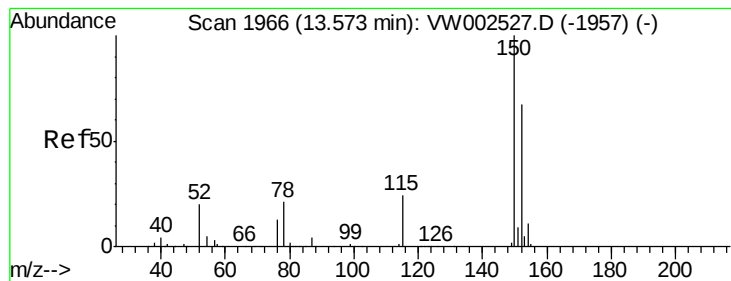


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

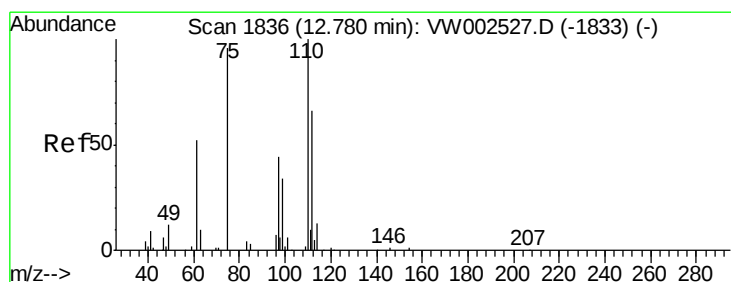
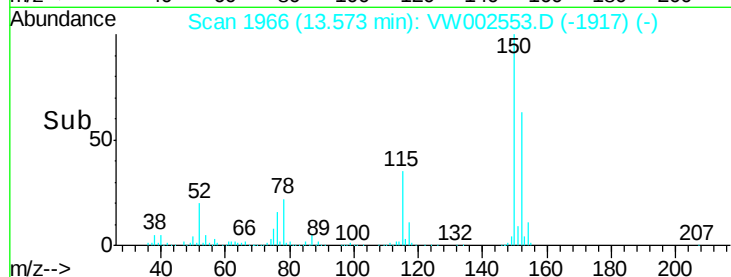
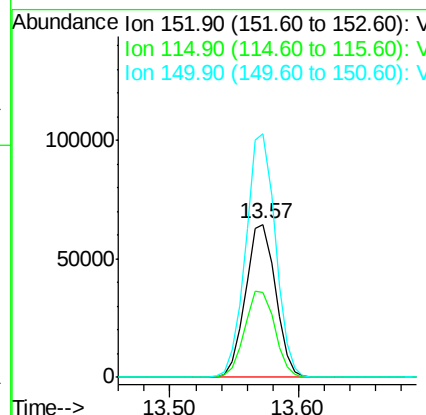
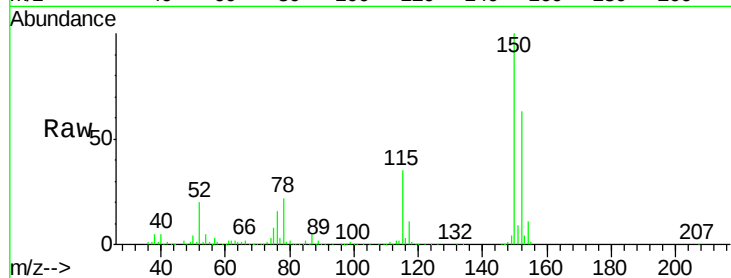




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: VW002553.D
 Acq: 15 May 2018 16:32

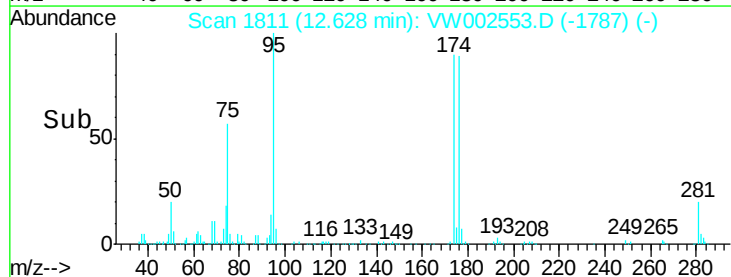
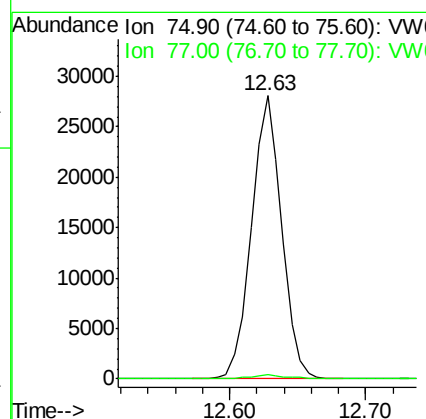
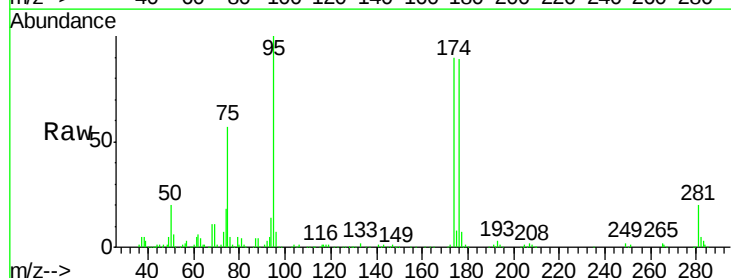
Instrument :
 MSVOA_W
 ClientSampleId :
 DRUM-1-5

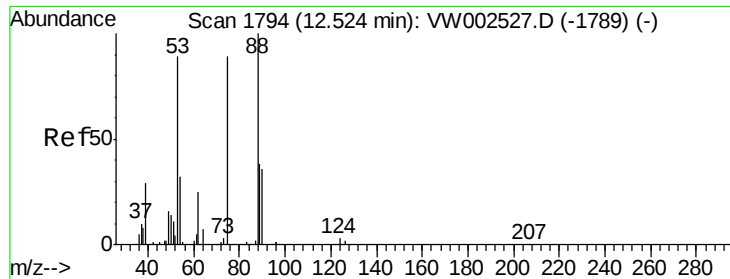
Tgt Ion:152 Resp: 103728
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.0 84.0
 150 157.1 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 44.27 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002553.D
 Acq: 15 May 2018 16:32

Tgt Ion: 75 Resp: 43405
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.70 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002553.D

Acq: 15 May 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

DRUM-1-5

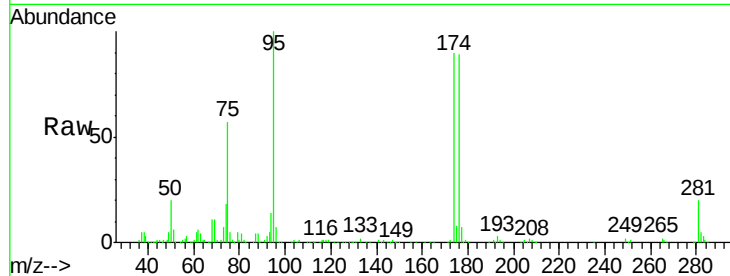
Tgt Ion: 75 Resp: 43405

Ion Ratio Lower Upper

75 100

53 0.1 82.6 124.0#

89 0.0 39.2 58.8#



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

