

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003276.D
 Acq On : 15 Jun 2018 01:16
 Operator : VA/AP
 Sample : J3444-04
 Misc : 6.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-51(0-5)

Quant Time: Jun 15 06:49:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	13944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	12281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	5205	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	4528	40.18	ug/l	0.00
Spiked Amount			Recovery	=	80.36%	
35) Dibromofluoromethane	7.89	113	4079	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	10.33	98	11862	34.53	ug/l	0.00
Spiked Amount			Recovery	=	69.06%	
62) 4-Bromofluorobenzene	12.63	95	3543	29.14	ug/l	0.00
Spiked Amount			Recovery	=	58.28%	

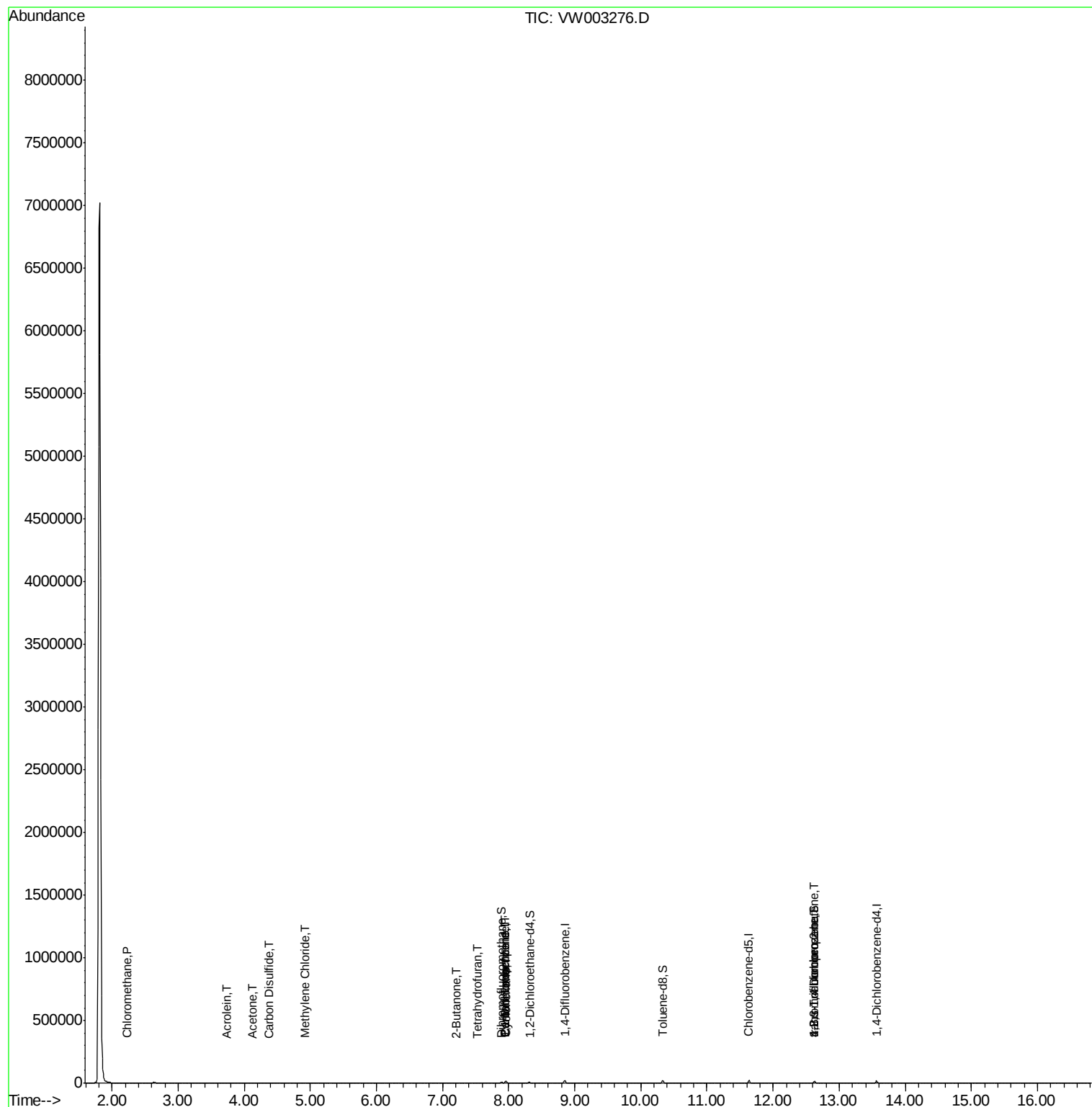
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.23	50	164	2.063	ug/l #	44
13) Acrolein	3.74	56	22	2.546	ug/l #	15
16) Acetone	4.12	43	1871	79.155	ug/l #	89
17) Carbon Disulfide	4.38	76	381	1.368	ug/l #	75
20) Methylene Chloride	4.92	84	1276	9.753	ug/l #	90
25) 2-Butanone	7.20	43	142	4.831	ug/l #	50
29) Tetrahydrofuran	7.54	42	49	2.728	ug/l #	35
31) Cyclohexane	7.96	56	399	2.191	ug/l #	39
36) 1,1-Dichloropropene	7.95	75	1022	7.589	ug/l #	42
38) Carbon Tetrachloride	7.95	117	1059	8.017	ug/l #	12
76) 1,2,3-Trichloropropane	12.62	75	1707	38.362	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1707	88.274	ug/l #	8

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

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QLast Update : Thu Jun 14 08:20:43 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: VW003276.D

Acq: 15 Jun 2018 01:16

Instrument :

MSVOA_W

ClientSampleId :

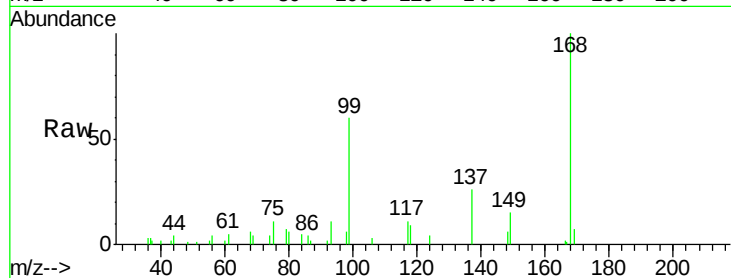
SB-51(0-5)

Tgt Ion:168 Resp: 10405

Ion Ratio Lower Upper

168 100

99 60.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

4000

3000

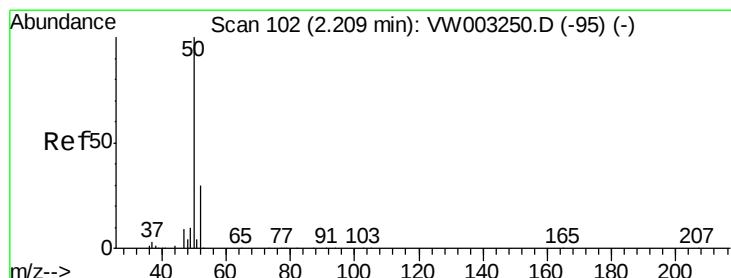
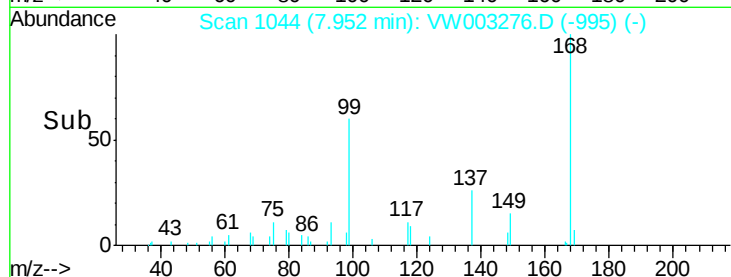
2000

1000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#3

Chloromethane

Concen: 2.063 ug/l

RT: 2.23 min Scan# 105

Delta R.T. 0.02 min

Lab File: VW003276.D

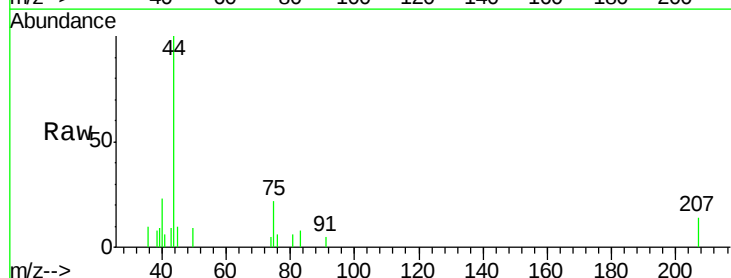
Acq: 15 Jun 2018 01:16

Tgt Ion: 50 Resp: 164

Ion Ratio Lower Upper

50 100

52 0.0 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.23

120

100

80

60

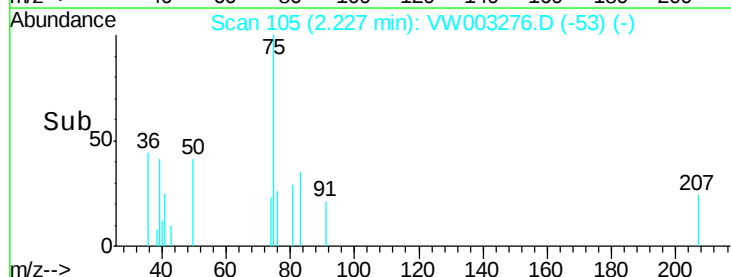
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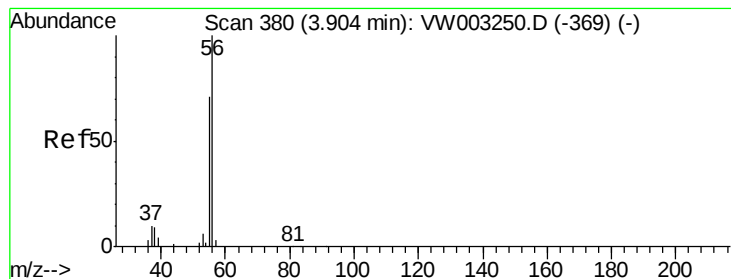
20

0

2.15 2.20 2.25

Time-->





#13

Acrolein

Concen: 2.546 ug/l

RT: 3.74 min Scan# 353

Delta R.T. -0.16 min

Lab File: VW003276.D

Acq: 15 Jun 2018 01:16

Instrument :

MSVOA_W

ClientSampleId :

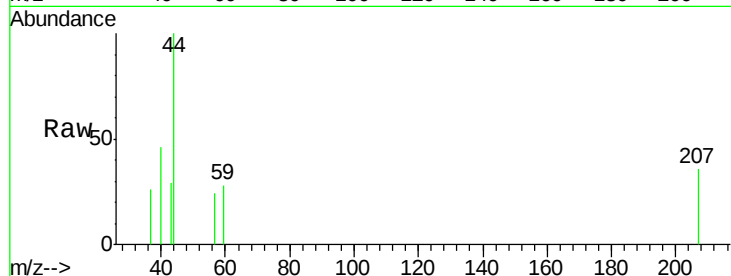
SB-51(0-5)

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

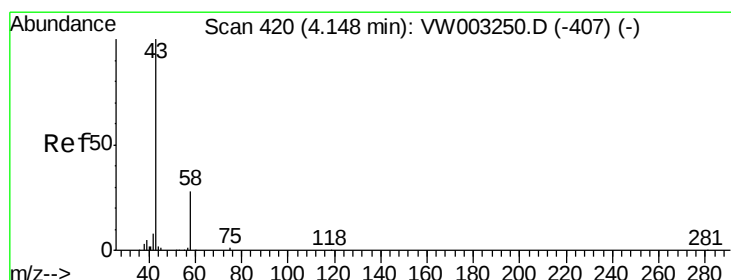
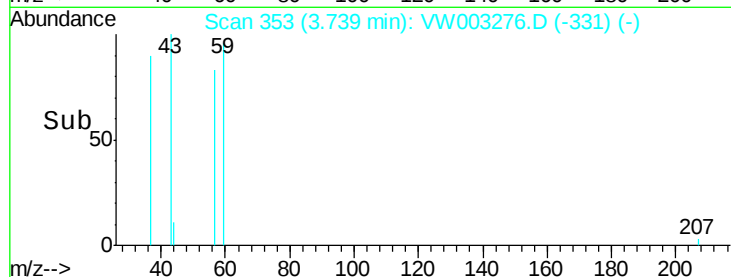
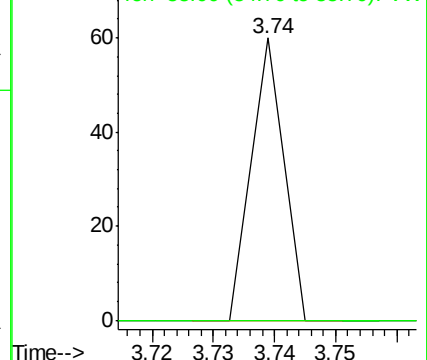
56 100

55 0.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 79.155 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003276.D

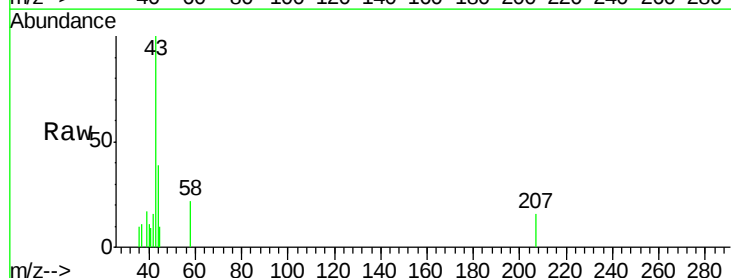
Acq: 15 Jun 2018 01:16

Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

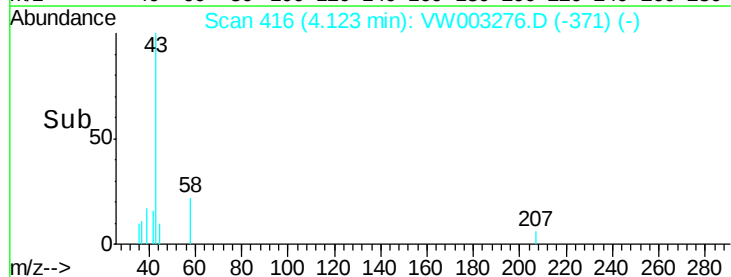
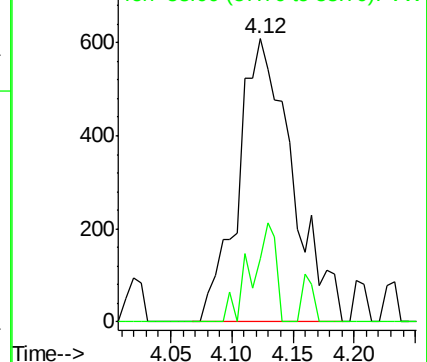
43 100

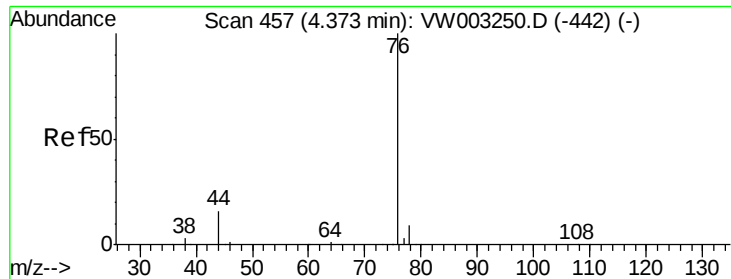
58 22.4 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

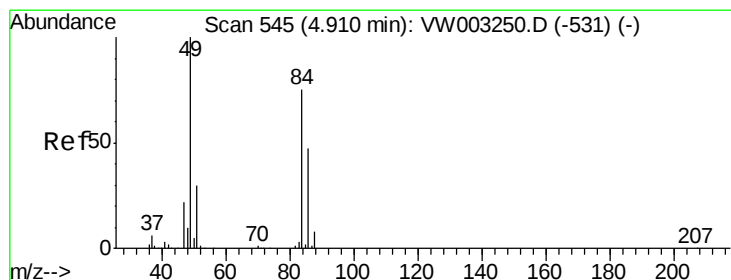
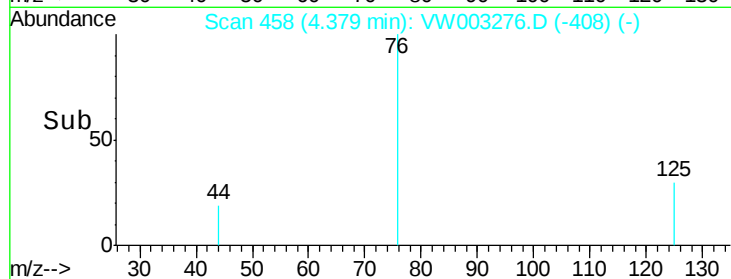
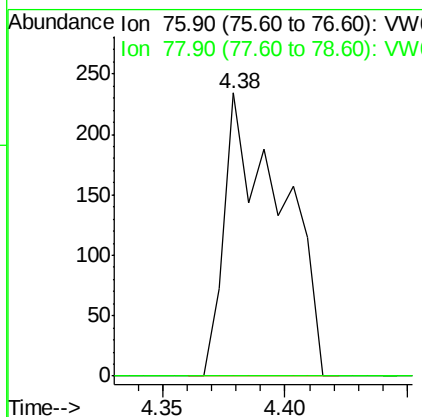
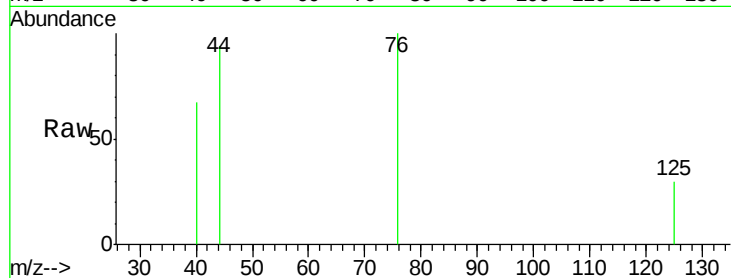




#17
Carbon Disulfide
Concen: 1.368 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW003276.D
Acq: 15 Jun 2018 01:16

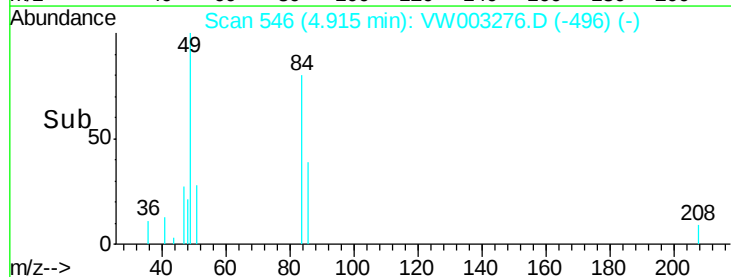
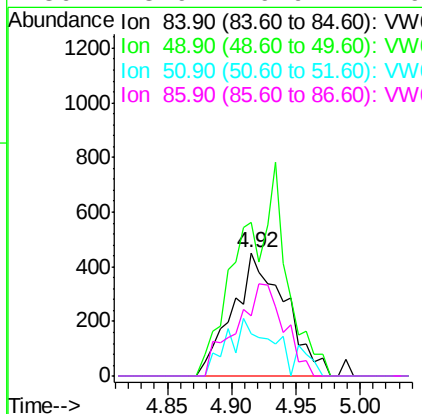
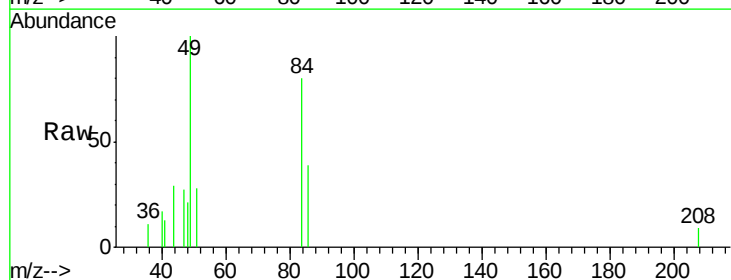
Instrument :
MSVOA_W
ClientSampled :
SB-51(0-5)

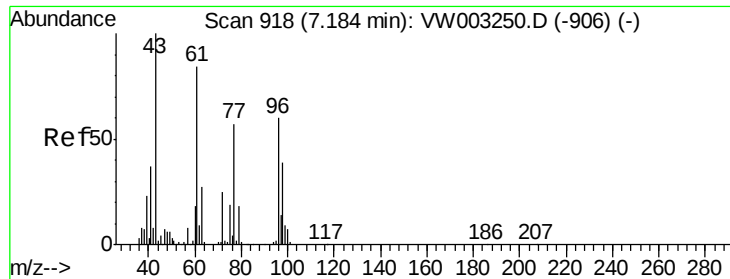
Tgt Ion: 76 Resp: 381
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#20
Methylene Chloride
Concen: 9.753 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003276.D
Acq: 15 Jun 2018 01:16

Tgt Ion: 84 Resp: 1276
Ion Ratio Lower Upper
84 100
49 124.8 106.3 159.5
51 34.7 32.0 48.0
86 48.9 49.9 74.9#

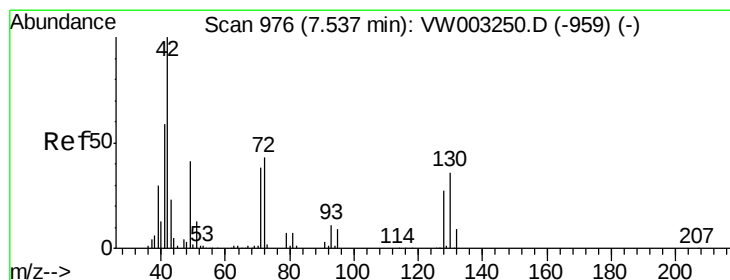
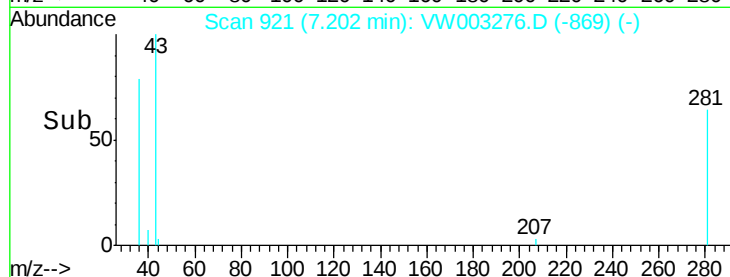
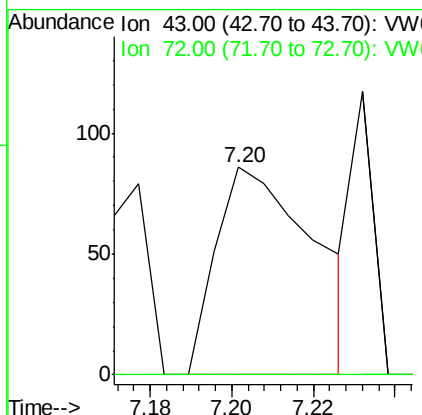
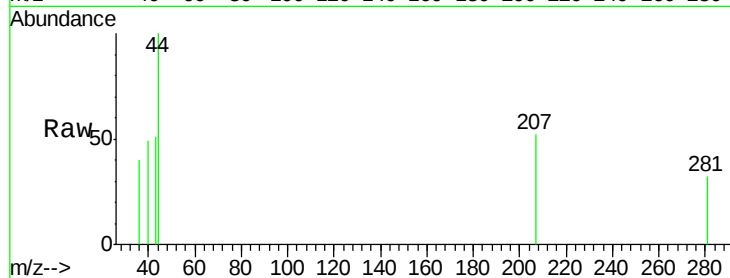




#25
 2-Butanone
 Concen: 4.831 ug/l
 RT: 7.20 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: VW003276.D
 Acq: 15 Jun 2018 01:16

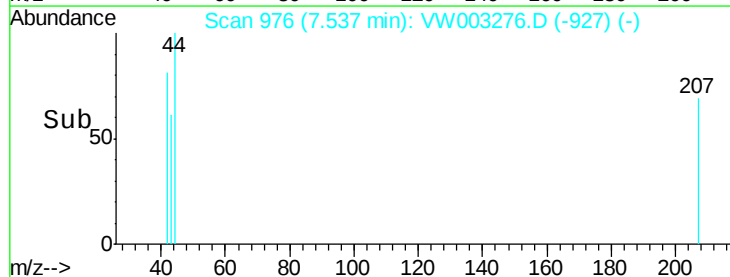
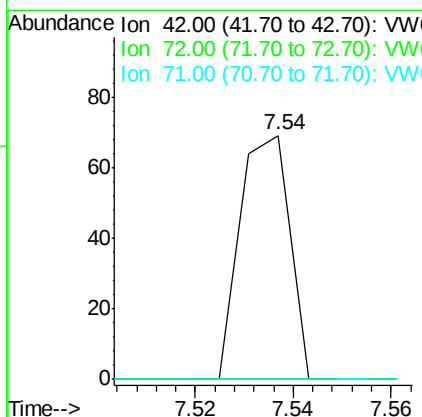
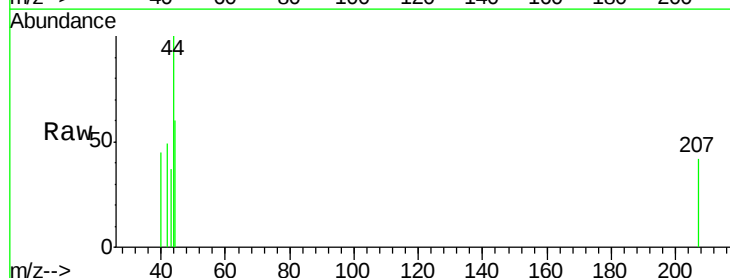
Instrument :
 MSVOA_W
 ClientSampled :
 SB-51(0-5)

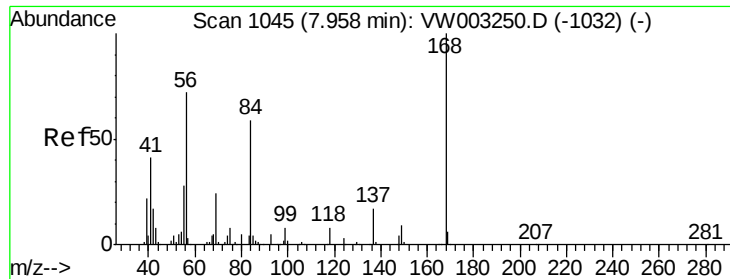
Tgt Ion: 43 Resp: 142
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.3 30.5#



#29
 Tetrahydrofuran
 Concen: 2.728 ug/l
 RT: 7.54 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VW003276.D
 Acq: 15 Jun 2018 01:16

Tgt Ion: 42 Resp: 49
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.4 48.6#
 71 0.0 31.2 46.8#

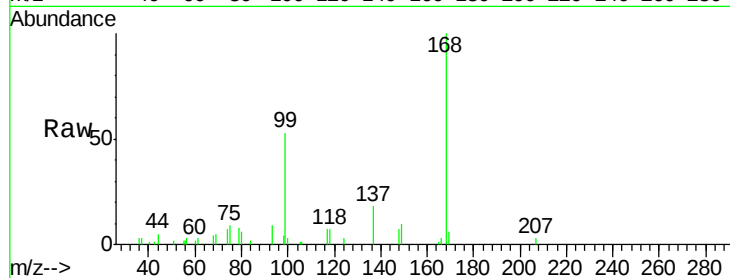




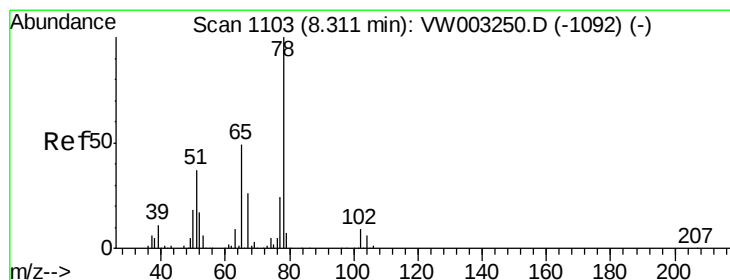
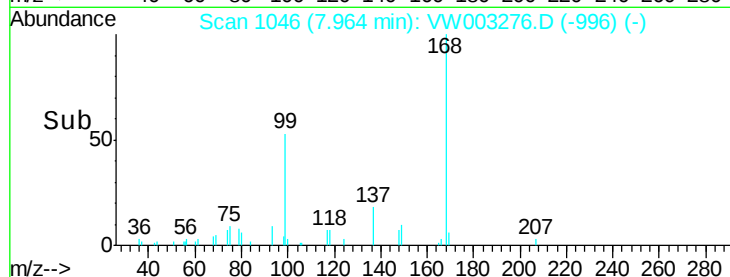
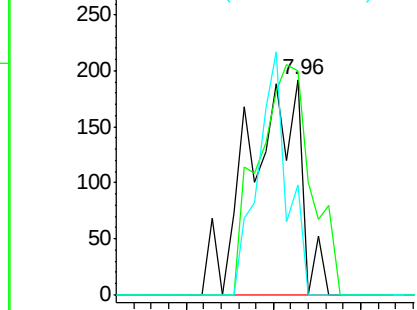
#31
Cyclohexane
Concen: 2.191 ug/l
RT: 7.96 min Scan# 1046
Delta R.T. 0.01 min
Lab File: VW003276.D
Acq: 15 Jun 2018 01:16

Instrument :
MSVOA_W
ClientSampleId :
SB-51(0-5)

Tgt Ion: 56 Resp: 399
Ion Ratio Lower Upper
56 100
69 104.2 26.3 39.5#
84 51.0 65.7 98.5#

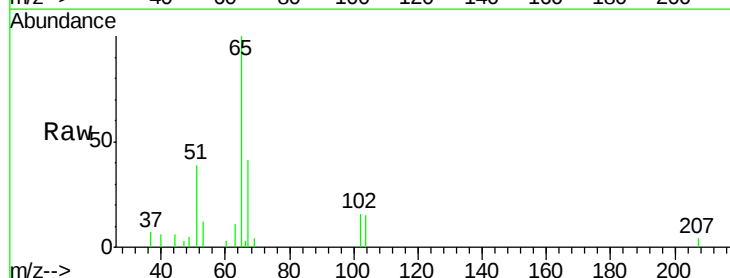


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

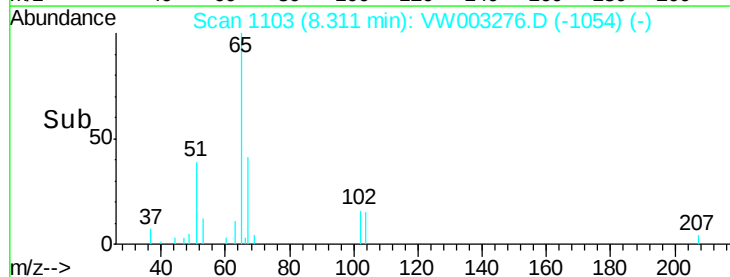
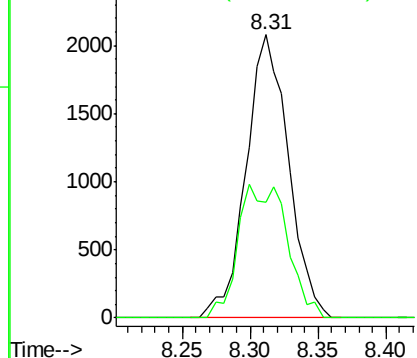


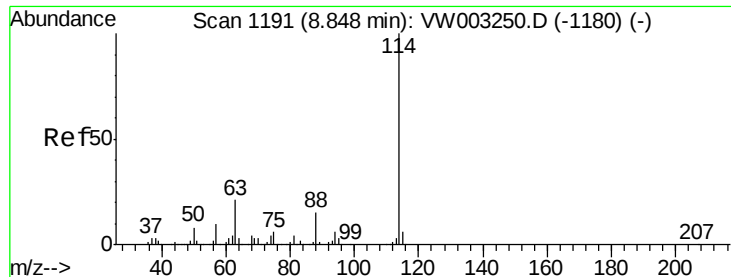
#33
1,2-Dichloroethane-d4
Concen: 40.177 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW003276.D
Acq: 15 Jun 2018 01:16

Tgt Ion: 65 Resp: 4528
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

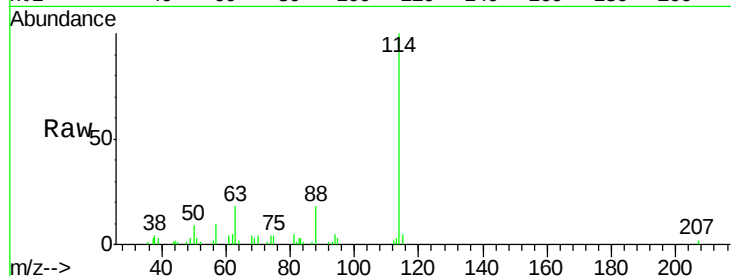




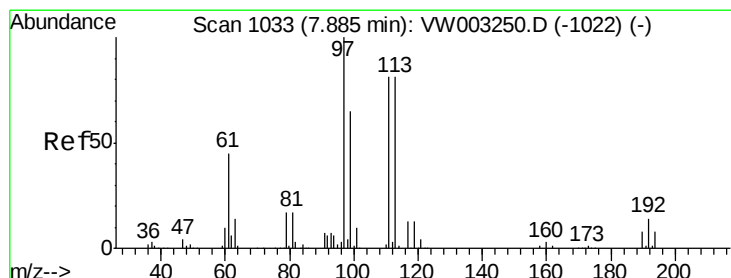
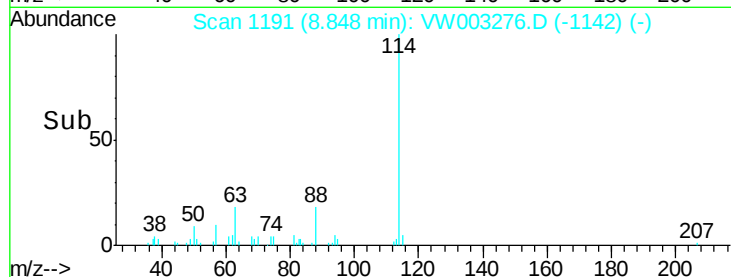
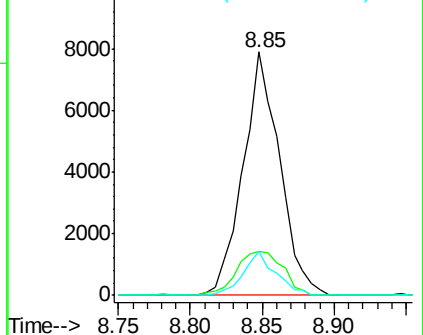
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003276.D
 Acq: 15 Jun 2018 01:16

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-51(0-5)

Tgt Ion:114 Resp: 13944
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 43.0
 88 17.9 0.0 29.6

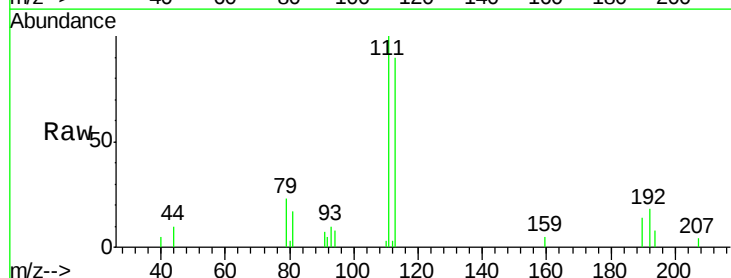


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

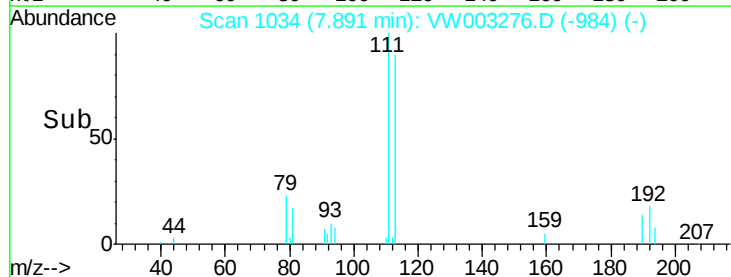
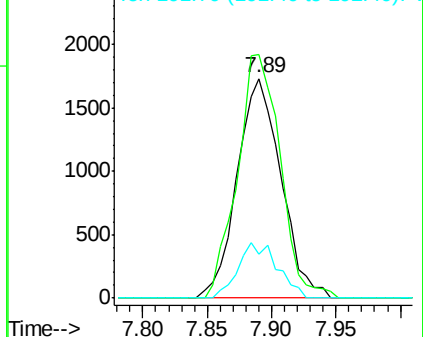


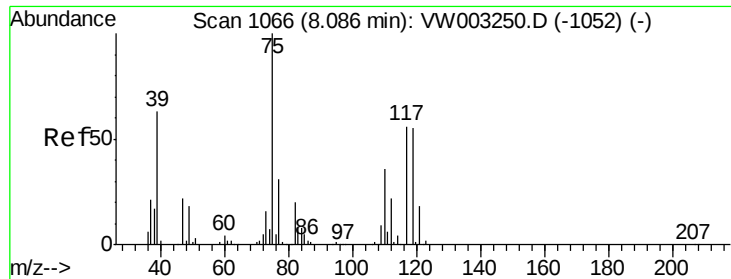
#35
 Dibromofluoromethane
 Concen: 47.078 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003276.D
 Acq: 15 Jun 2018 01:16

Tgt Ion:113 Resp: 4079
 Ion Ratio Lower Upper
 113 100
 111 108.4 82.2 123.2
 192 22.5 16.2 24.2



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

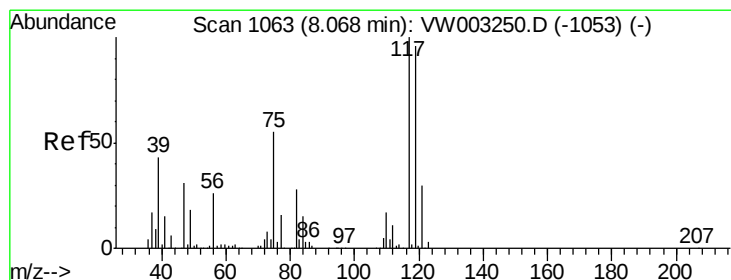
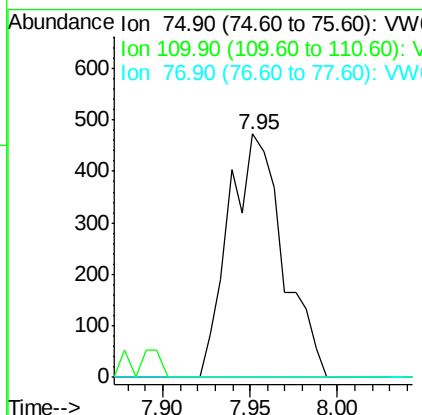
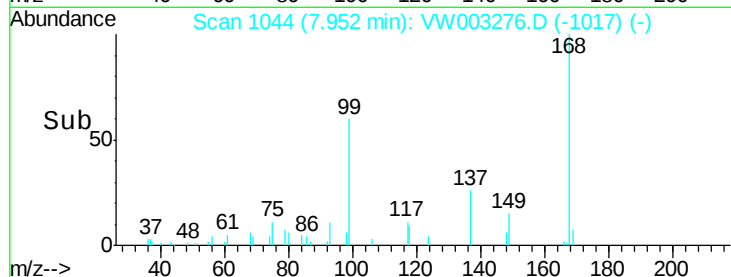
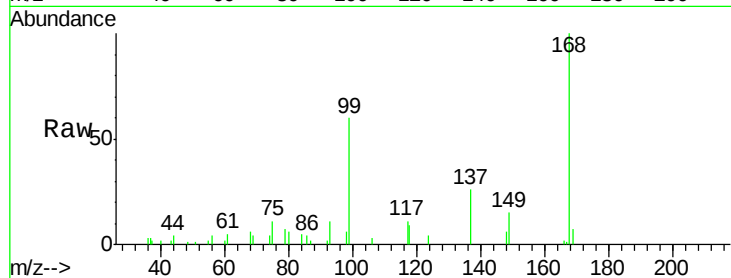




#36
 1,1-Dichloropropene
 Concen: 7.589 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003276.D
 Acq: 15 Jun 2018 01:16

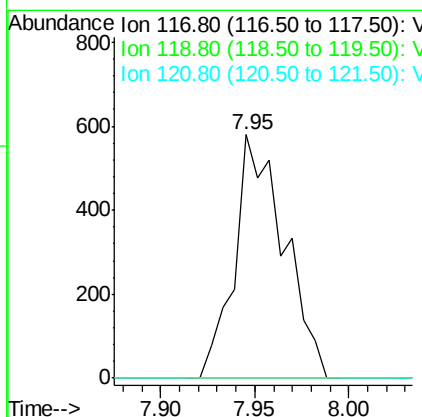
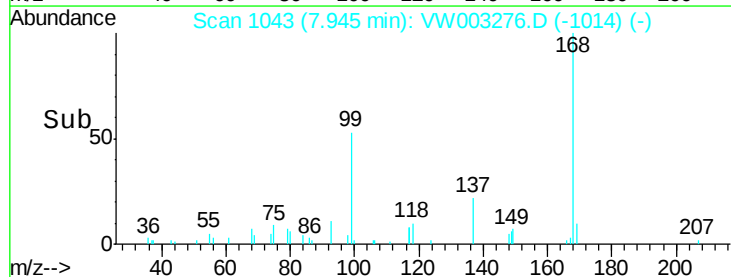
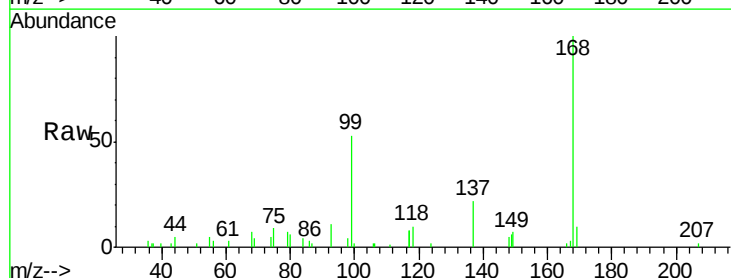
Instrument :
 MSVOA_W
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 SB-51(0-5)

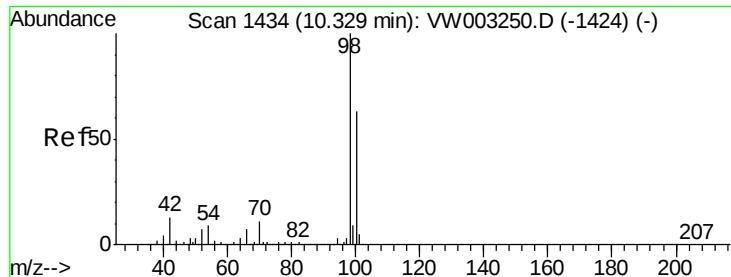
Tgt Ion: 75 Resp: 1022
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 8.017 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003276.D
 Acq: 15 Jun 2018 01:16

Tgt Ion: 117 Resp: 1059
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 34.527 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003276.D

Acq: 15 Jun 2018 01:16

Instrument :

MSVOA_W

ClientSampleId :

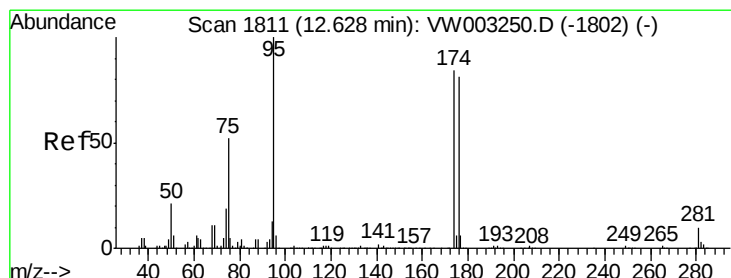
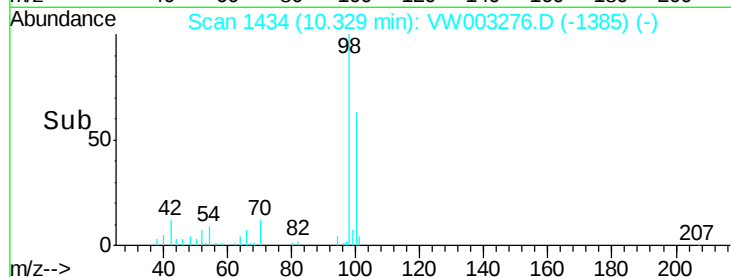
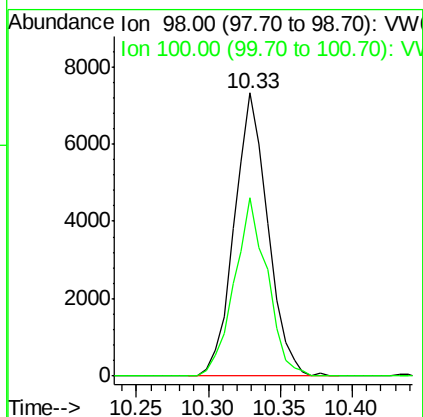
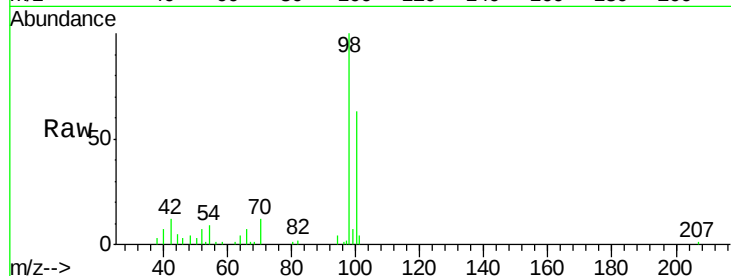
SB-51(0-5)

Tgt Ion: 98 Resp: 11862

Ion Ratio Lower Upper

98 100

100 61.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 29.140 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW003276.D

Acq: 15 Jun 2018 01:16

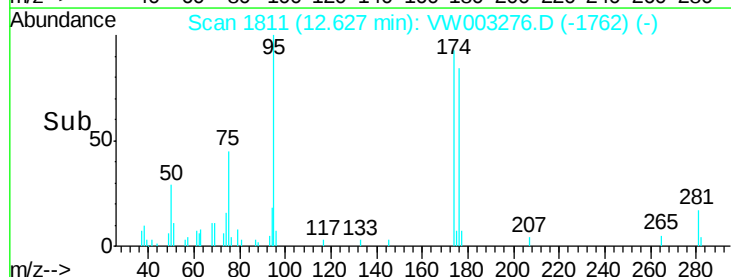
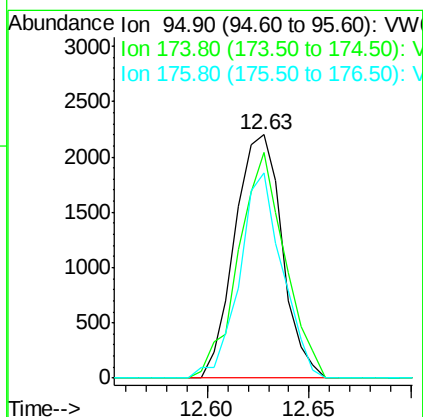
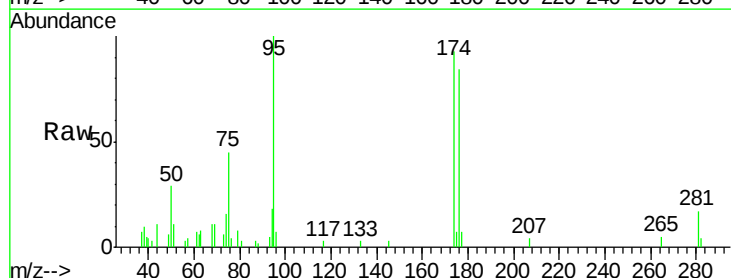
Tgt Ion: 95 Resp: 3543

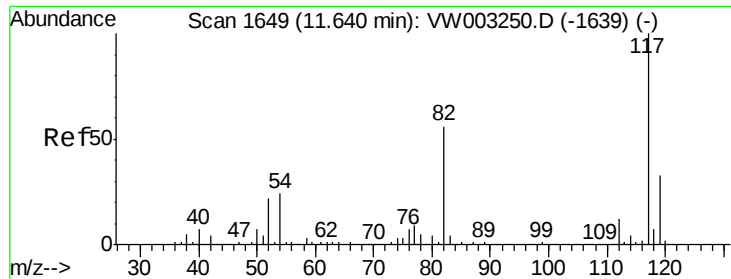
Ion Ratio Lower Upper

95 100

174 91.2 0.0 166.4

176 76.3 0.0 162.0

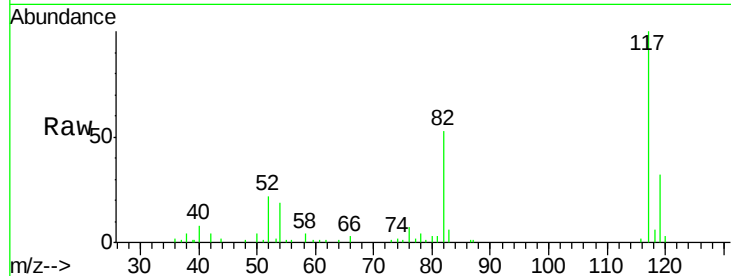




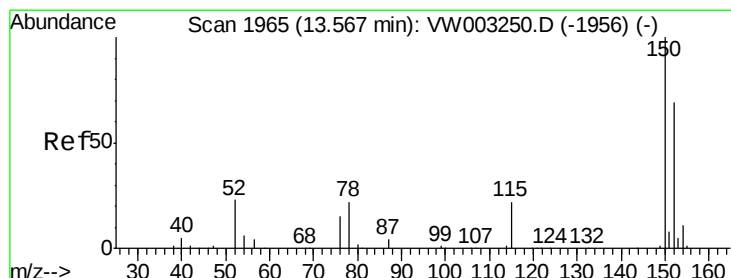
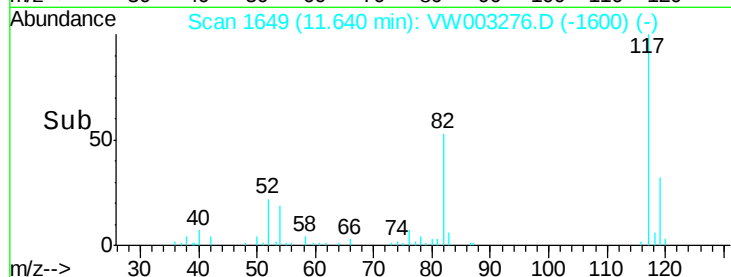
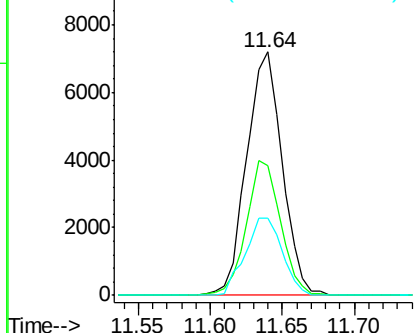
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003276.D
Acq: 15 Jun 2018 01:16

Instrument :
MSVOA_W
ClientSampleId :
SB-51(0-5)

Tgt Ion:117 Resp: 12281
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 31.6 26.7 40.1

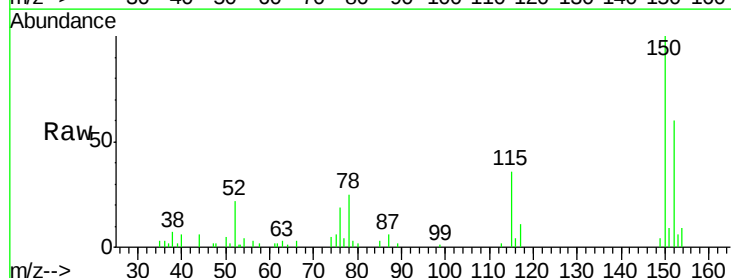


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

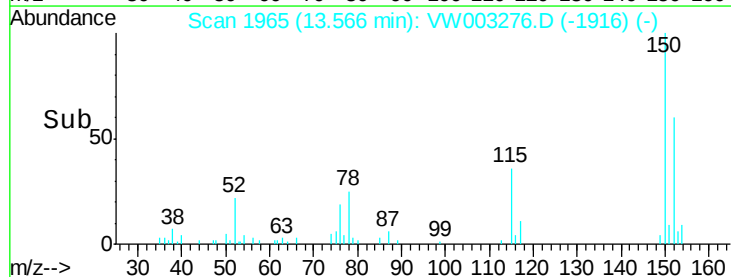
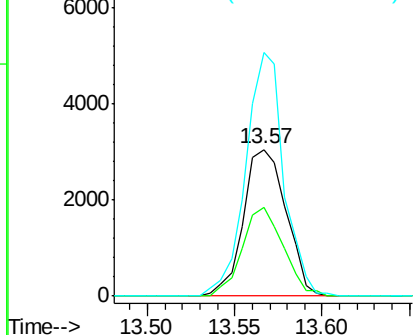


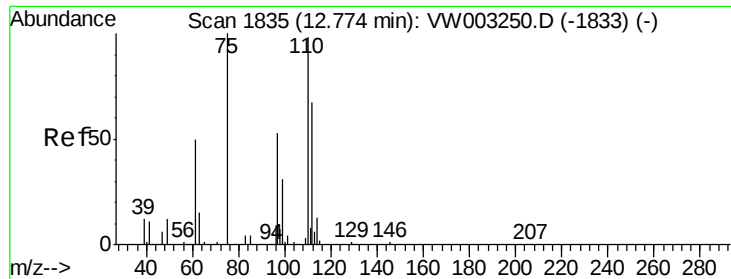
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003276.D
Acq: 15 Jun 2018 01:16

Tgt Ion:152 Resp: 5205
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 147.5 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 38.362 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003276.D

Acq: 15 Jun 2018 01:16

Instrument :

MSVOA_W

ClientSampleId :

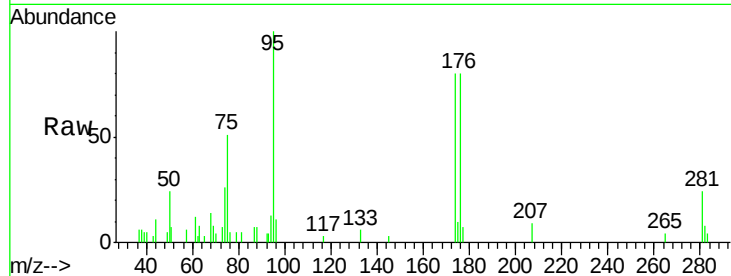
SB-51(0-5)

Tgt Ion: 75 Resp: 1707

Ion Ratio Lower Upper

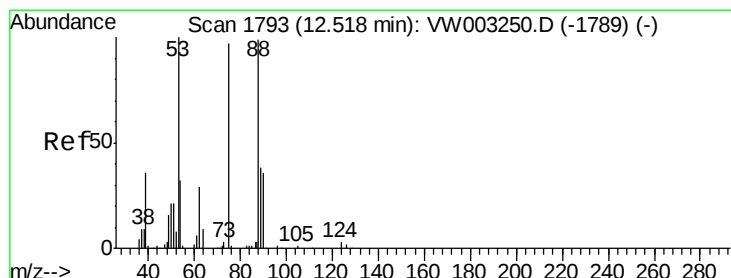
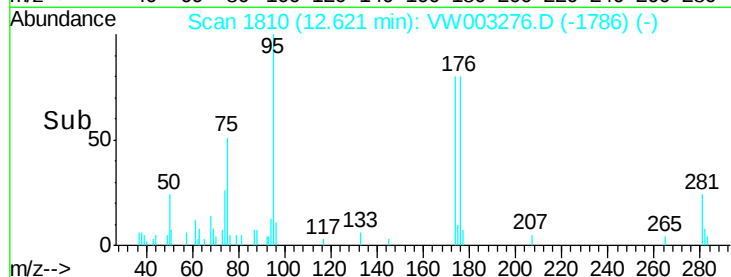
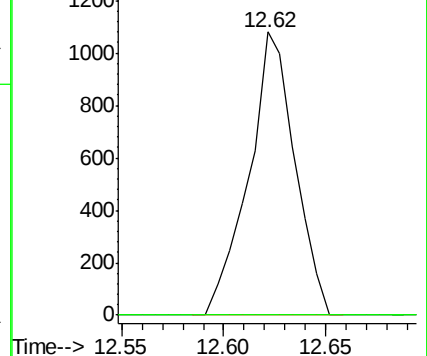
75 100

77 0.0 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: 88.274 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003276.D

Acq: 15 Jun 2018 01:16

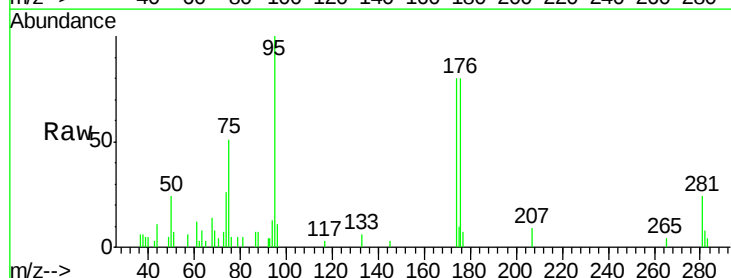
Tgt Ion: 75 Resp: 1707

Ion Ratio Lower Upper

75 100

53 0.0 82.9 124.3#

89 0.0 36.7 55.1#



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

