

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003274.D
 Acq On : 15 Jun 2018 00:25
 Operator : VA/AP
 Sample : J3444-02
 Misc : 5.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-45(0-5)

Quant Time: Jun 15 06:49:08 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	170121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	271201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	236104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	100671	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	77513	42.07	ug/l	0.00
Spiked Amount			Recovery	=	84.14%	
35) Dibromofluoromethane	7.89	113	69944	41.51	ug/l	0.00
Spiked Amount			Recovery	=	83.02%	
50) Toluene-d8	10.33	98	217424	32.54	ug/l	0.00
Spiked Amount			Recovery	=	65.08%	
62) 4-Bromofluorobenzene	12.63	95	71190	30.11	ug/l	0.00
Spiked Amount			Recovery	=	60.22%	

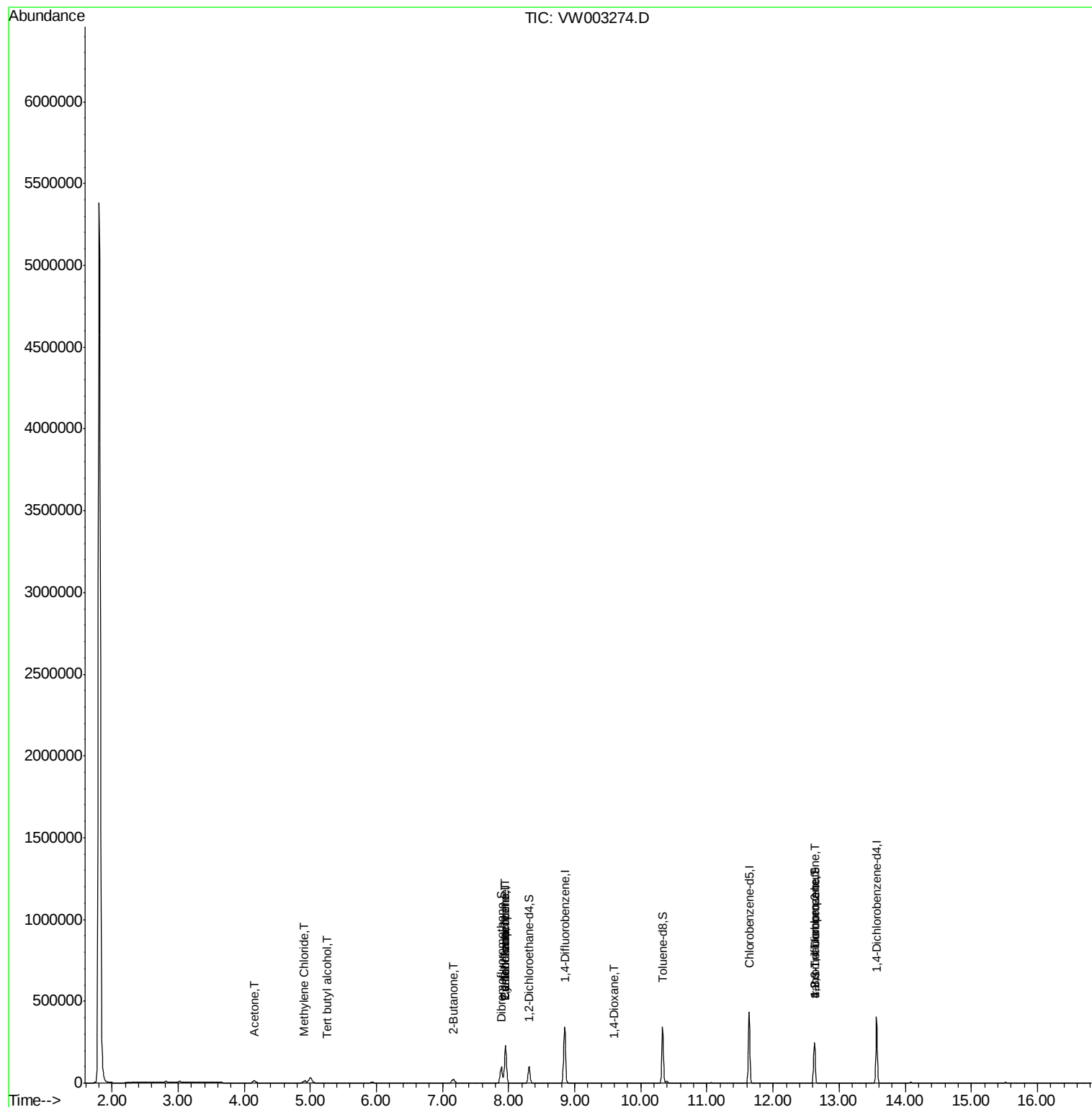
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	727	7.356	ug/l #	97
16) Acetone	4.15	43	31045	80.331	ug/l	99
20) Methylene Chloride	4.91	84	11039	3.295	ug/l	95
25) 2-Butanone	7.15	43	1698	3.533	ug/l #	86
31) Cyclohexane	7.95	56	4456	1.497	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	13726	5.241	ug/l #	51
38) Carbon Tetrachloride	7.96	117	16560	6.446	ug/l #	16
49) 1,4-Dioxane	9.59	88	21	1.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	38539	44.780	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	38539	103.042	ug/l #	8

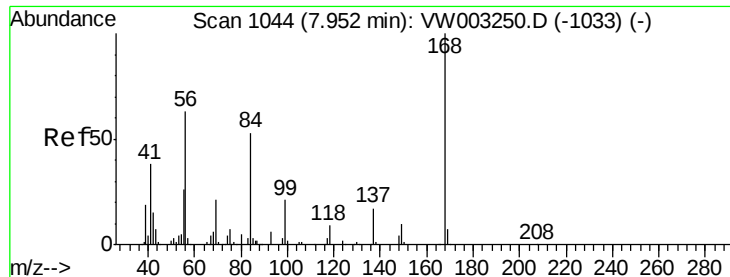
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
Data File : VW003274.D
Acq On : 15 Jun 2018 00:25
Operator : VA/AP
Sample : J3444-02
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-45(0-5)

Quant Time: Jun 15 06:49:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
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: VW003274.D

Acq: 15 Jun 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

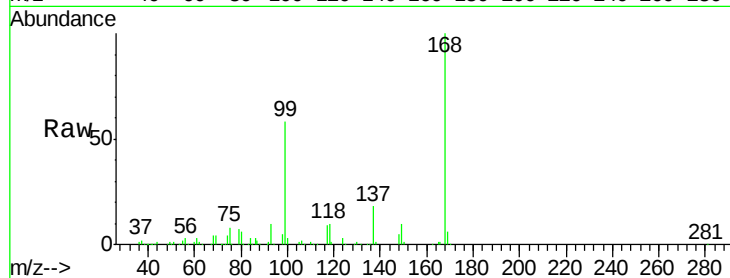
SB-45(0-5)

Tgt Ion:168 Resp: 170121

Ion Ratio Lower Upper

168 100

99 58.4 45.5 68.3



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

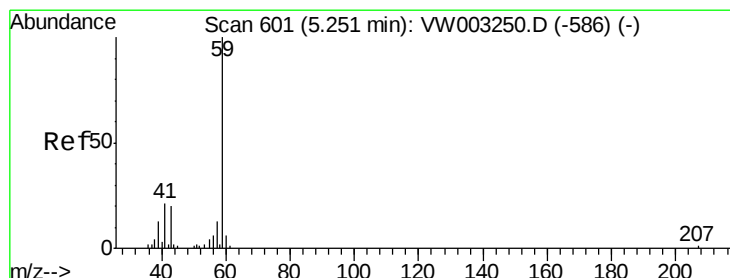
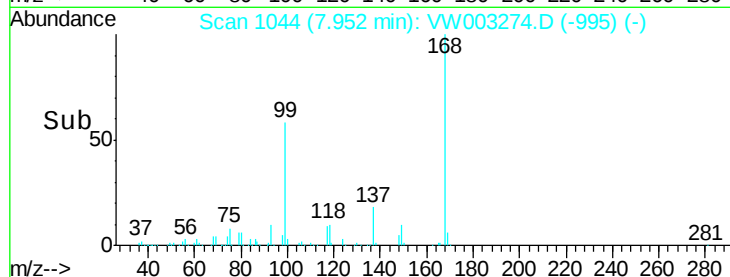
0

Time-->

7.90

8.00

8.10



#11

Tert butyl alcohol

Concen: 7.356 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003274.D

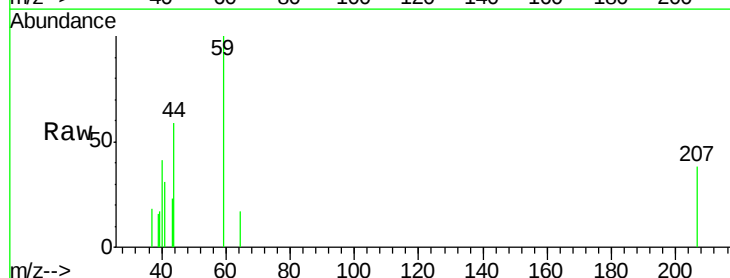
Acq: 15 Jun 2018 00:25

Tgt Ion: 59 Resp: 727

Ion Ratio Lower Upper

59 100

57 6.3 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.26

400

300

200

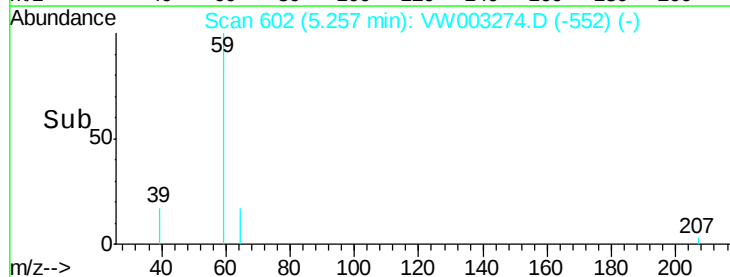
100

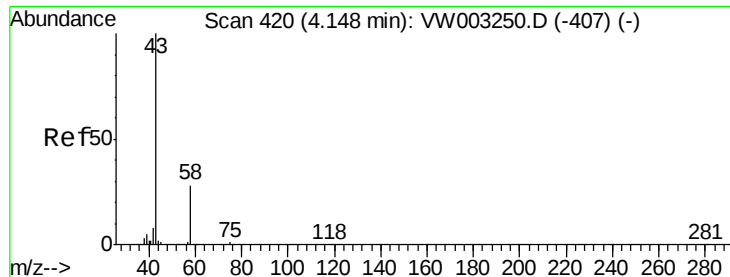
0

Time-->

5.25

5.30





#16

Acetone

Concen: 80.331 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

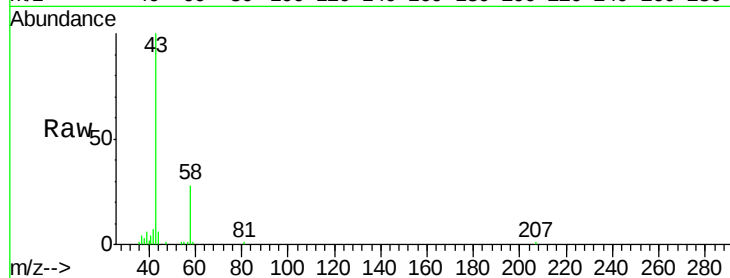
SB-45(0-5)

Tgt Ion: 43 Resp: 31045

Ion Ratio Lower Upper

43 100

58 28.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

10000

8000

6000

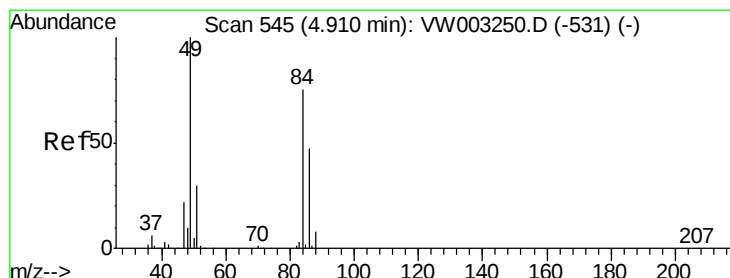
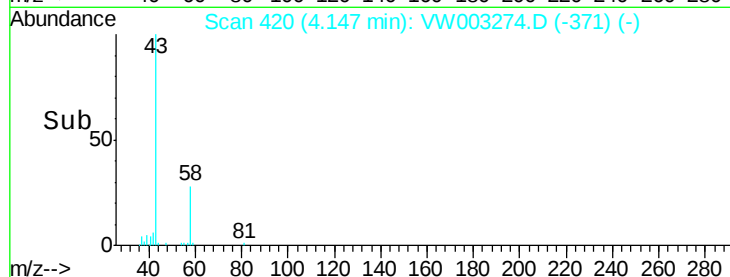
4000

2000

0

Time-->

4.00 4.10 4.20 4.30



#20

Methylene Chloride

Concen: 3.295 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

Tgt Ion: 84 Resp: 11039

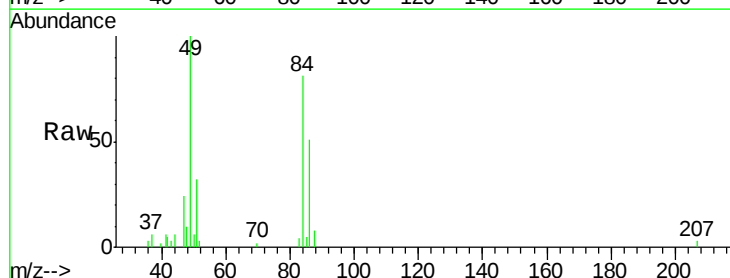
Ion Ratio Lower Upper

84 100

49 124.2 106.3 159.5

51 37.9 32.0 48.0

86 63.7 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

4.91

6000

5000

4000

3000

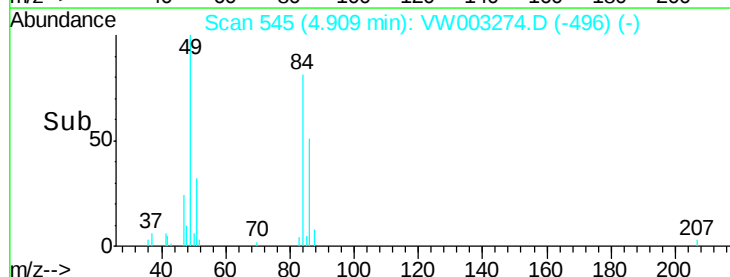
2000

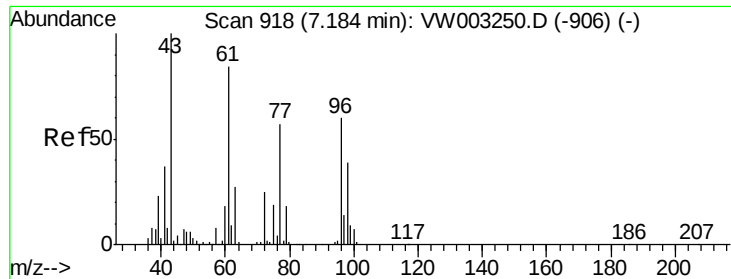
1000

0

Time-->

4.80 4.90 5.00





#25

2-Butanone

Concen: 3.533 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

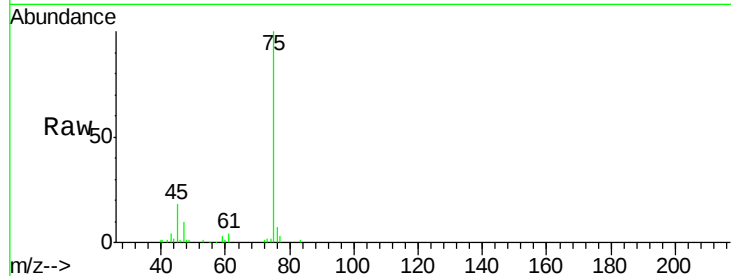
SB-45(0-5)

Tgt Ion: 43 Resp: 1698

Ion Ratio Lower Upper

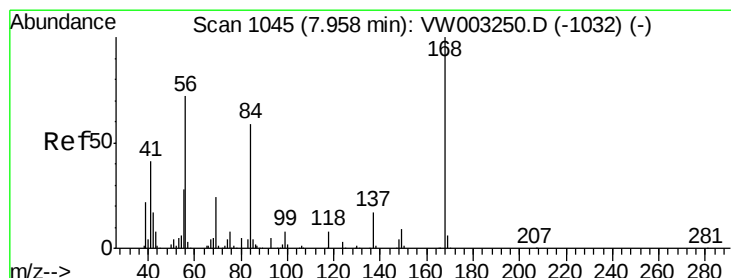
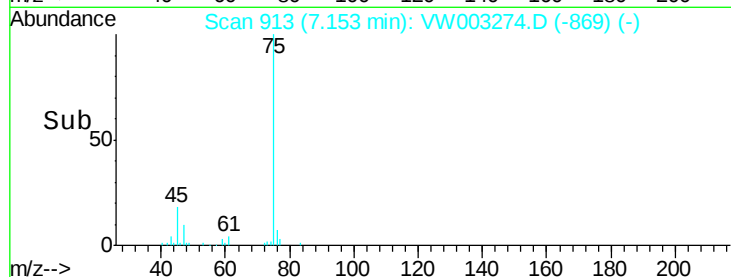
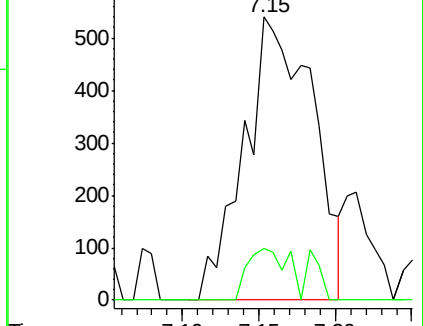
43 100

72 18.1 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.497 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

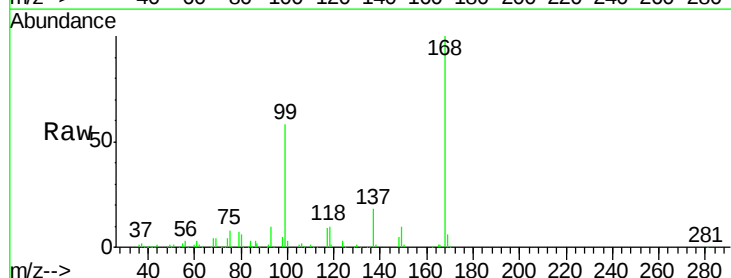
Tgt Ion: 56 Resp: 4456

Ion Ratio Lower Upper

56 100

69 127.8 26.3 39.5#

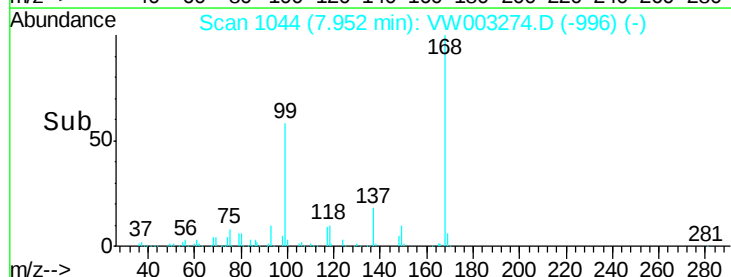
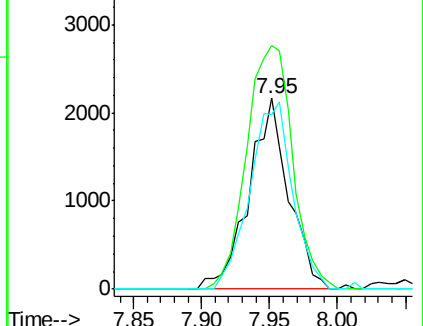
84 91.4 65.7 98.5

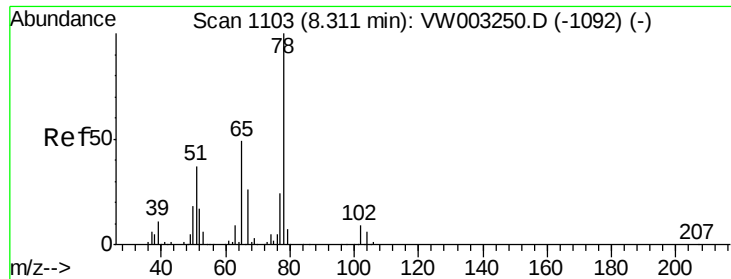


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

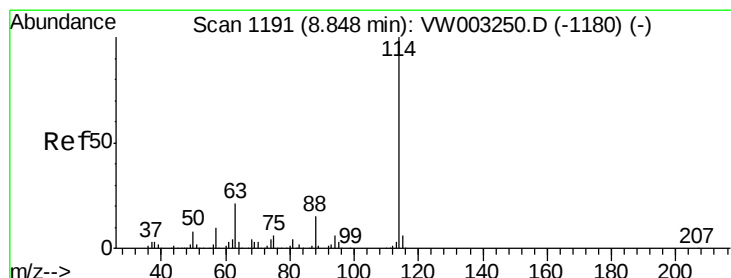
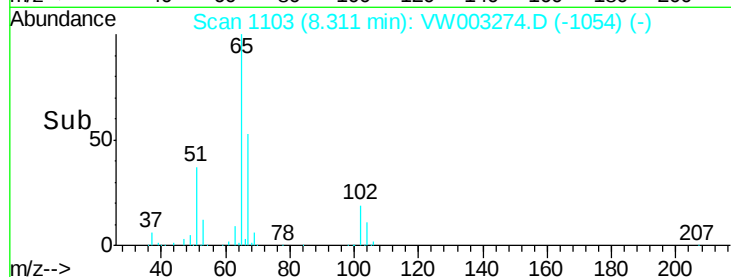
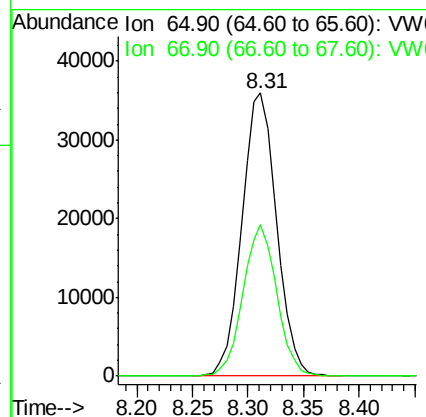
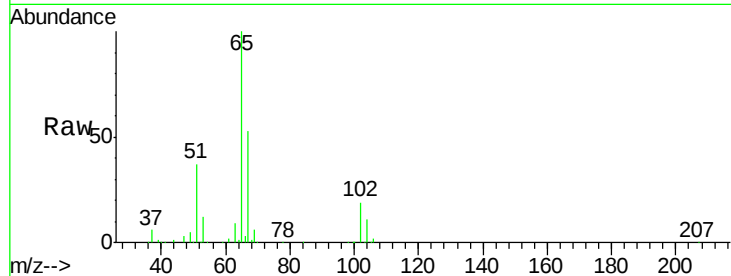




#33
 1,2-Dichloroethane-d4
 Concen: 42.065 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003274.D
 Acq: 15 Jun 2018 00:25

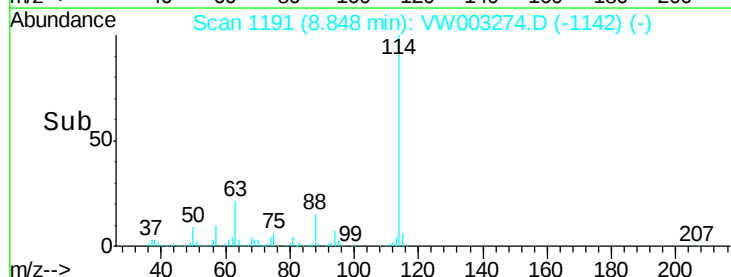
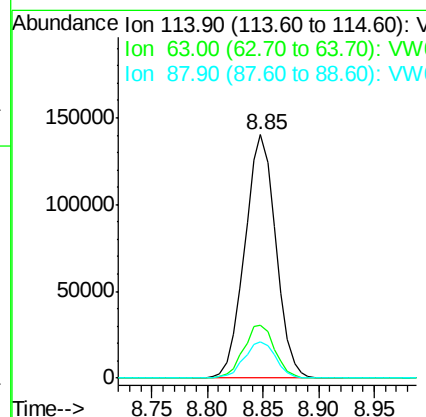
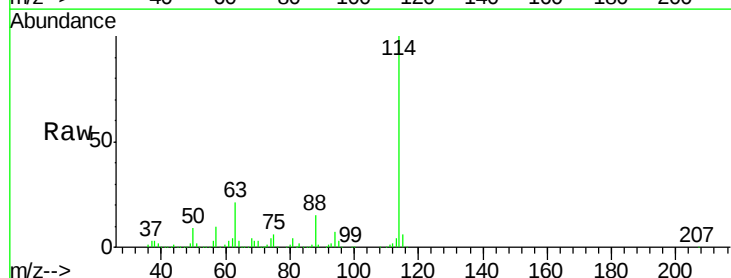
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-45(0-5)

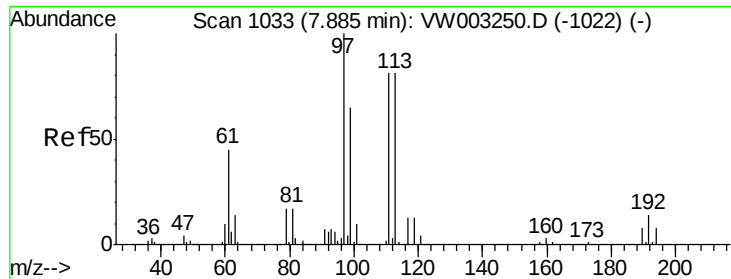
Tgt Ion: 65 Resp: 77513
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003274.D
 Acq: 15 Jun 2018 00:25

Tgt Ion: 114 Resp: 271201
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.0
 88 14.9 0.0 29.6

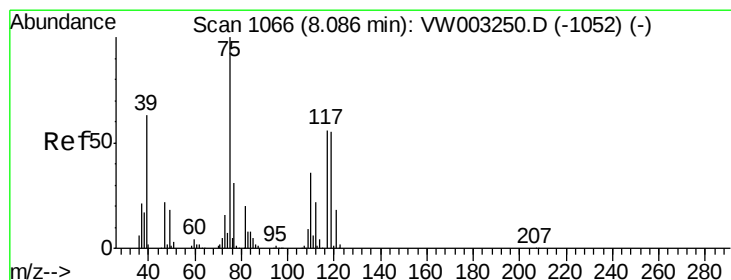
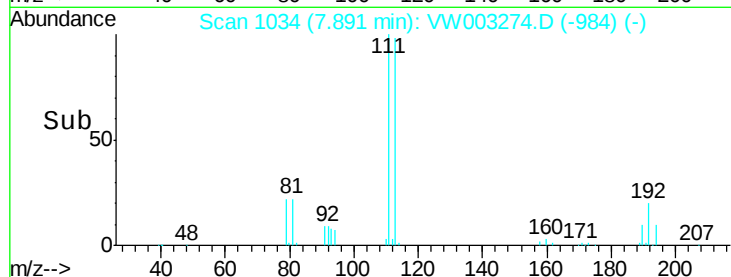
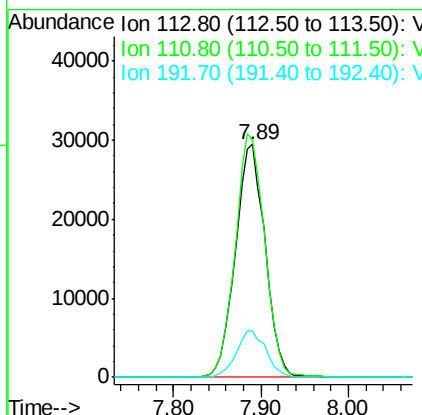
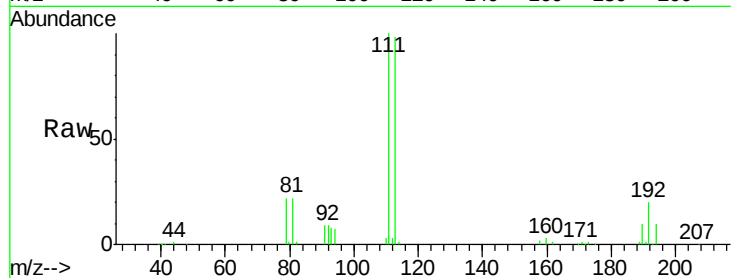




#35
 Dibromofluoromethane
 Concen: 41.506 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003274.D
 Acq: 15 Jun 2018 00:25

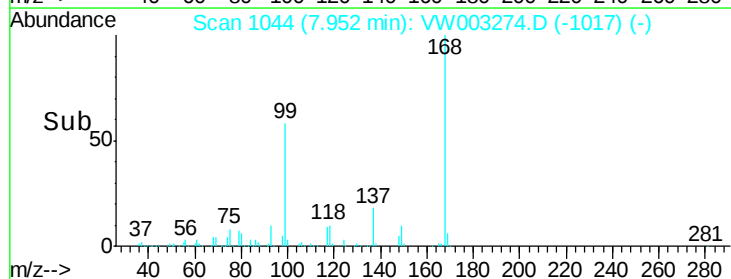
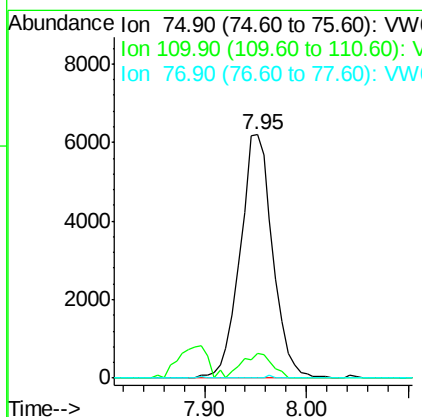
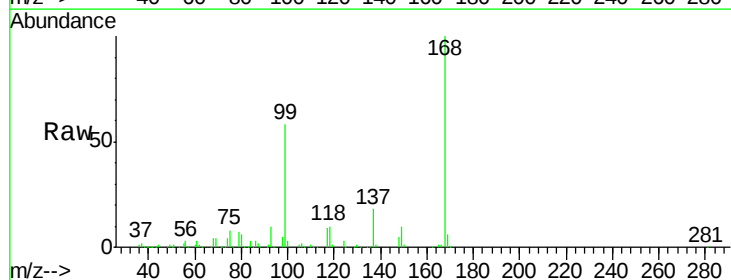
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-45(0-5)

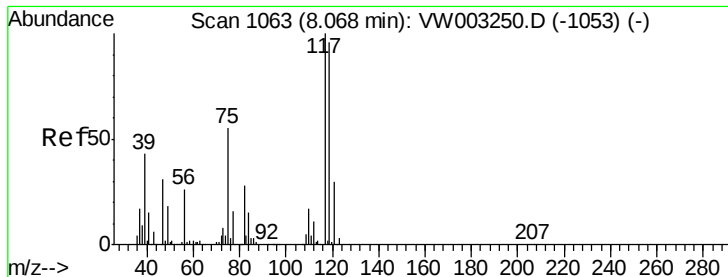
Tgt Ion:113 Resp: 69944
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.241 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003274.D
 Acq: 15 Jun 2018 00:25

Tgt Ion: 75 Resp: 13726
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.1 51.3#
 77 0.2 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.446 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

SB-45(0-5)

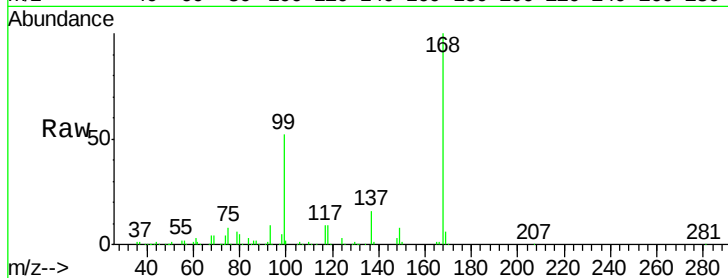
Tgt Ion:117 Resp: 16560

Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

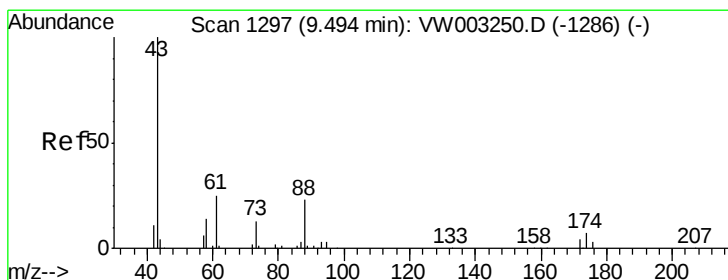
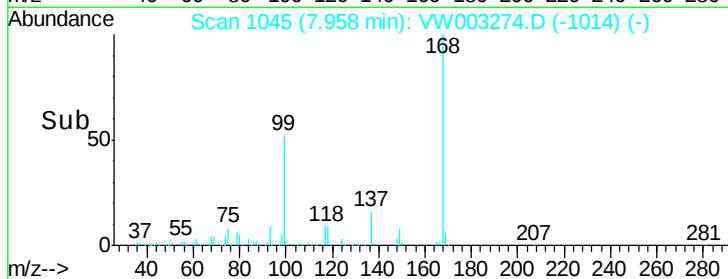
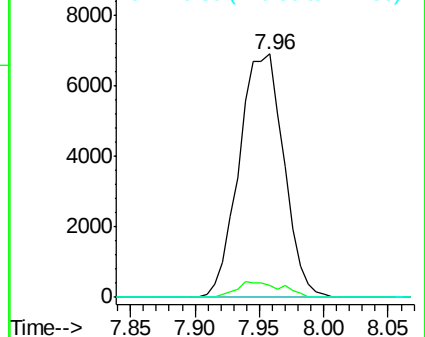
121 0.0 23.9 35.9#



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



#49

1,4-Dioxane

Concen: 1.478 ug/l

RT: 9.59 min Scan# 1313

Delta R.T. 0.10 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

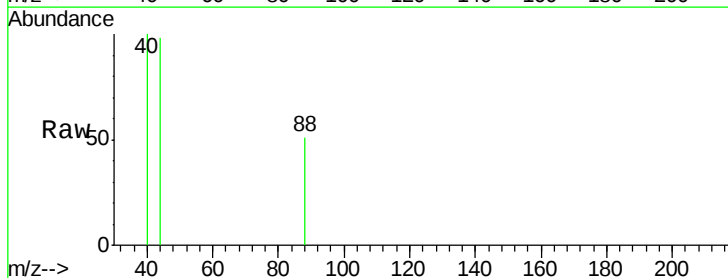
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 147.6 454.7 682.1#

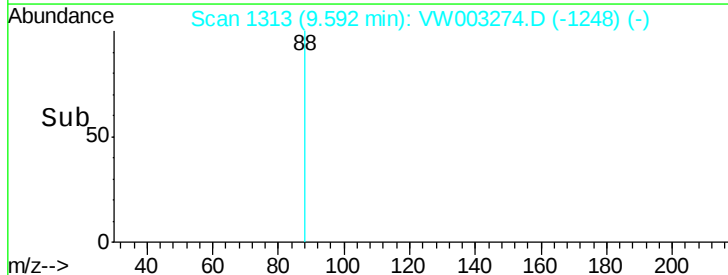
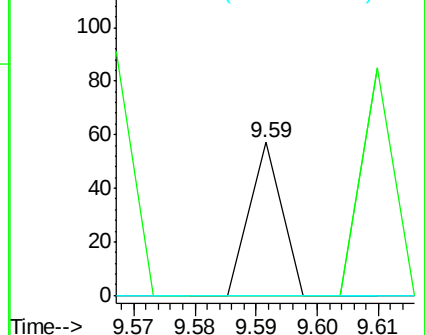
58 0.0 58.6 88.0#

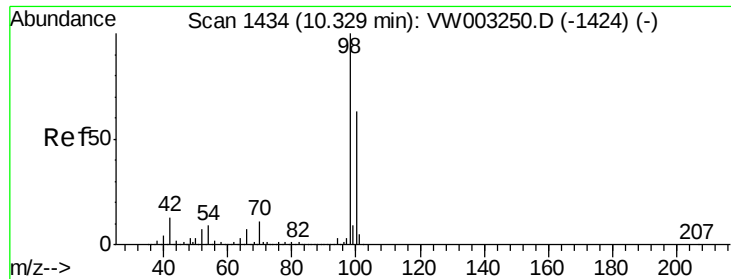


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 32.539 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

Instrument :

MSVOA_W

ClientSampled :

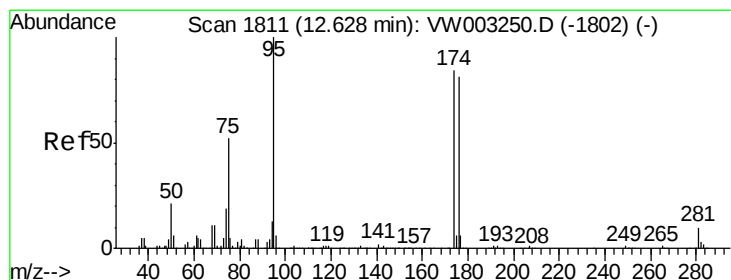
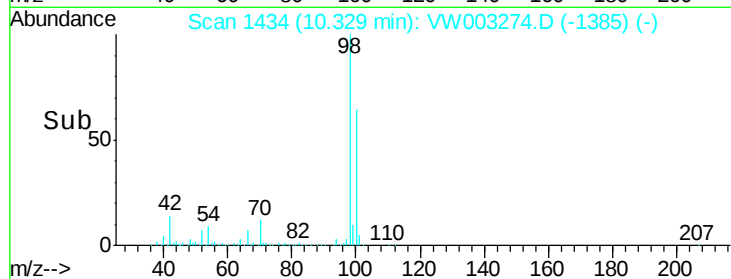
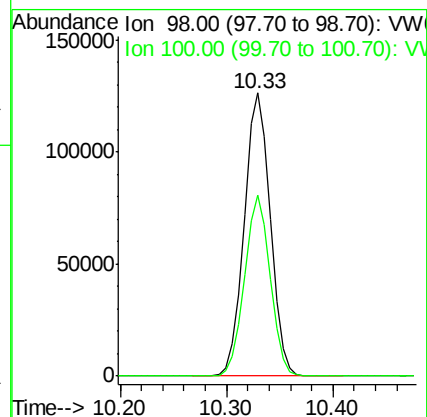
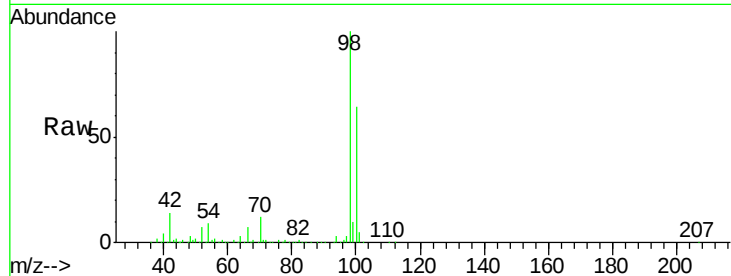
SB-45(0-5)

Tgt Ion: 98 Resp: 217424

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 30.105 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW003274.D

Acq: 15 Jun 2018 00:25

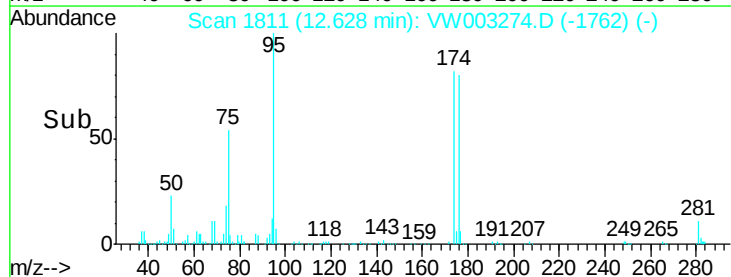
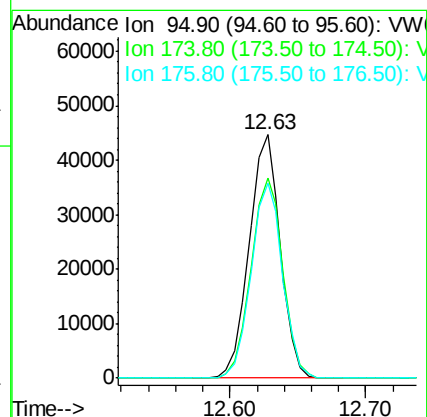
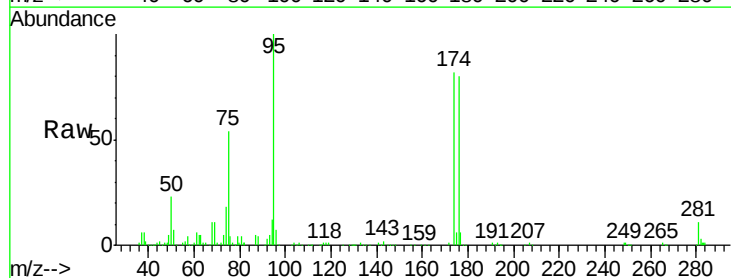
Tgt Ion: 95 Resp: 71190

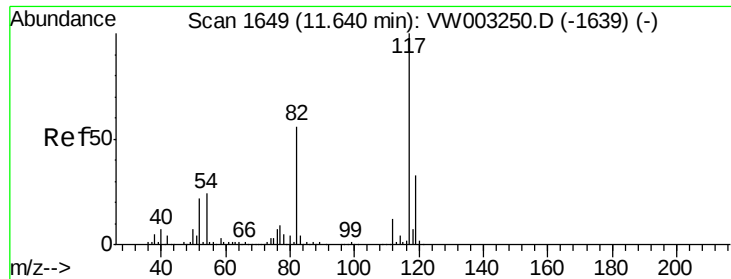
Ion Ratio Lower Upper

95 100

174 84.5 0.0 166.4

176 81.0 0.0 162.0

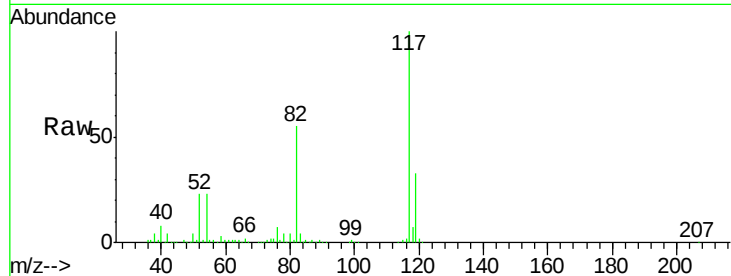




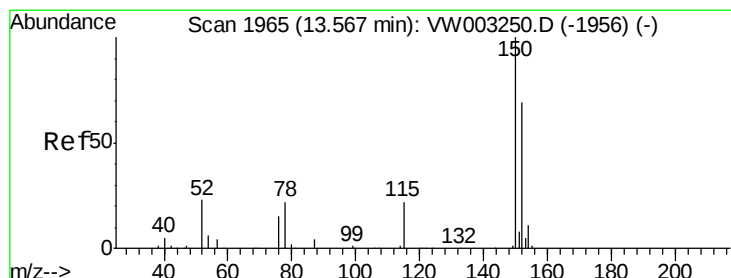
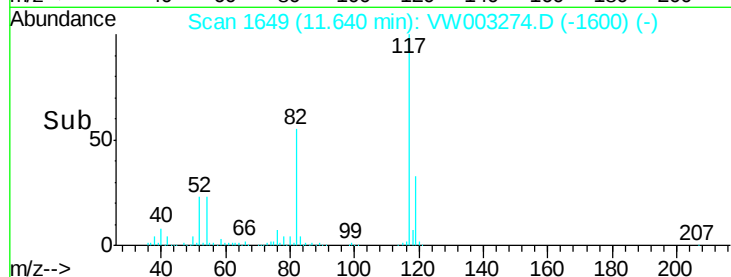
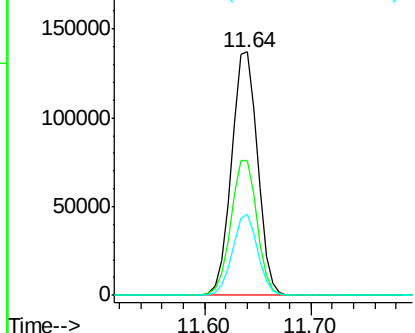
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003274.D
Acq: 15 Jun 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
SB-45(0-5)

Tgt Ion:117 Resp: 236104
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 33.1 26.7 40.1

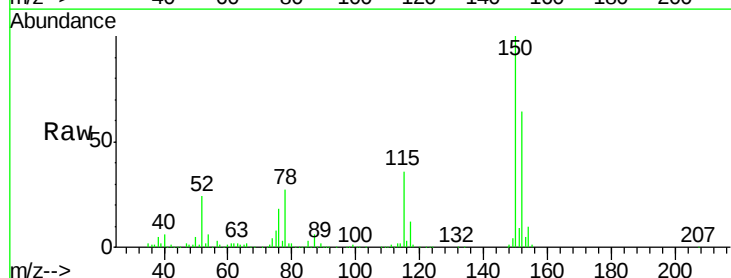


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

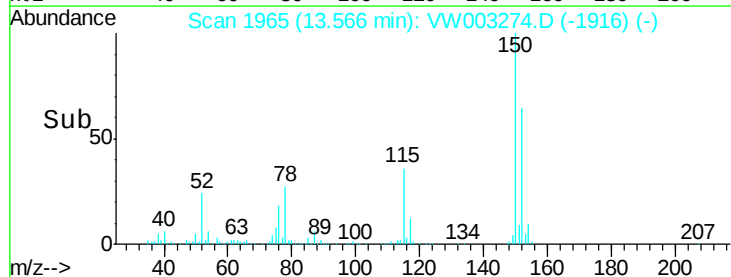
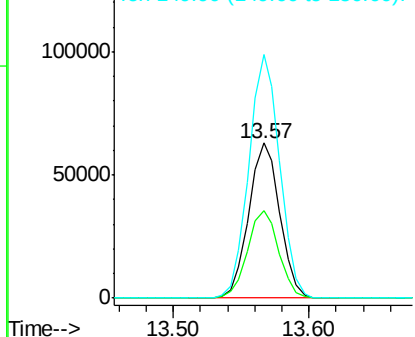


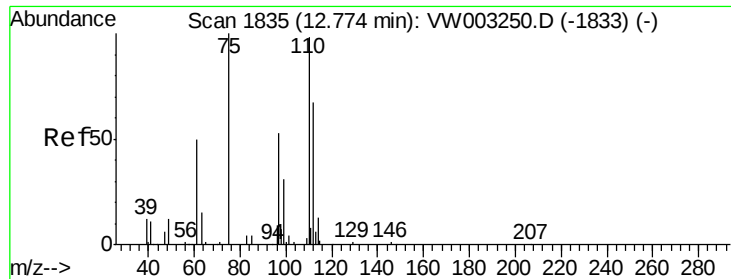
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003274.D
Acq: 15 Jun 2018 00:25

Tgt Ion:152 Resp: 100671
Ion Ratio Lower Upper
152 100
115 56.5 29.3 88.0
150 155.9 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

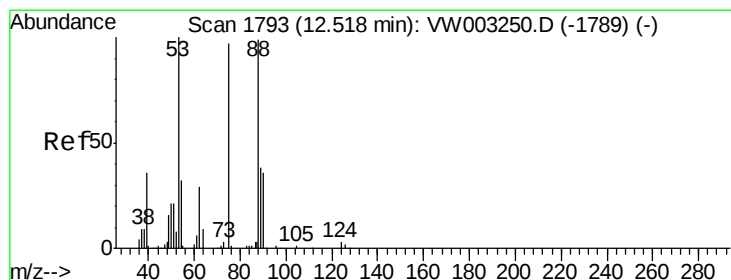
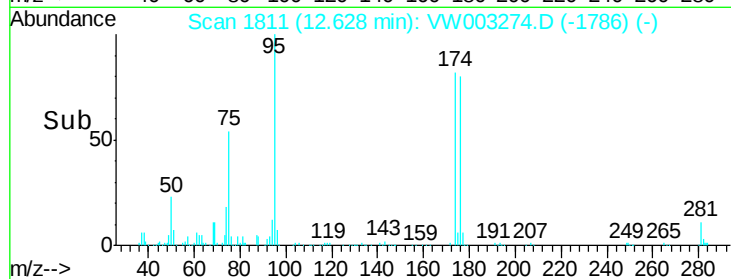
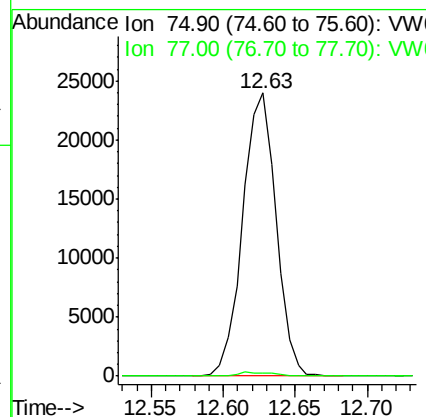
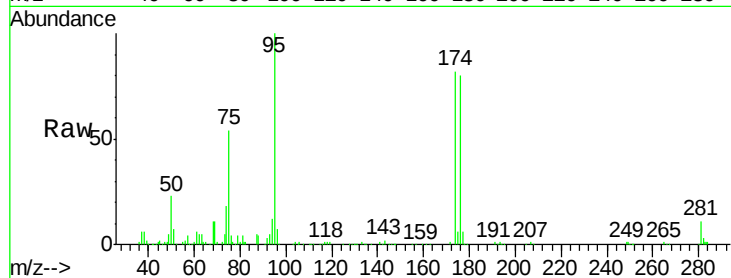




#76
 1,2,3-Trichloropropane
 Concen: 44.780 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW003274.D
 Acq: 15 Jun 2018 00:25

Instrument :
 MSVOA_W
 ClientSampled :
 SB-45(0-5)

Tgt Ion: 75 Resp: 38539
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.042 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003274.D
 Acq: 15 Jun 2018 00:25

Tgt Ion: 75 Resp: 38539
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.9 124.3#
 89 0.3 36.7 55.1#

