

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003469.D
 Acq On : 23 Jun 2018 19:02
 Operator : SY/AP
 Sample : J3664-12
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0476-180619

Quant Time: Jun 25 04:04:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	285027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	257458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123272	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	81227	41.55	ug/l	0.00
Spiked Amount			Recovery	=	83.10%	
35) Dibromofluoromethane	7.88	113	70535	39.83	ug/l	0.00
Spiked Amount			Recovery	=	79.66%	
50) Toluene-d8	10.33	98	233788	33.29	ug/l	0.00
Spiked Amount			Recovery	=	66.58%	
62) 4-Bromofluorobenzene	12.63	95	78487	31.58	ug/l	0.00
Spiked Amount			Recovery	=	63.16%	

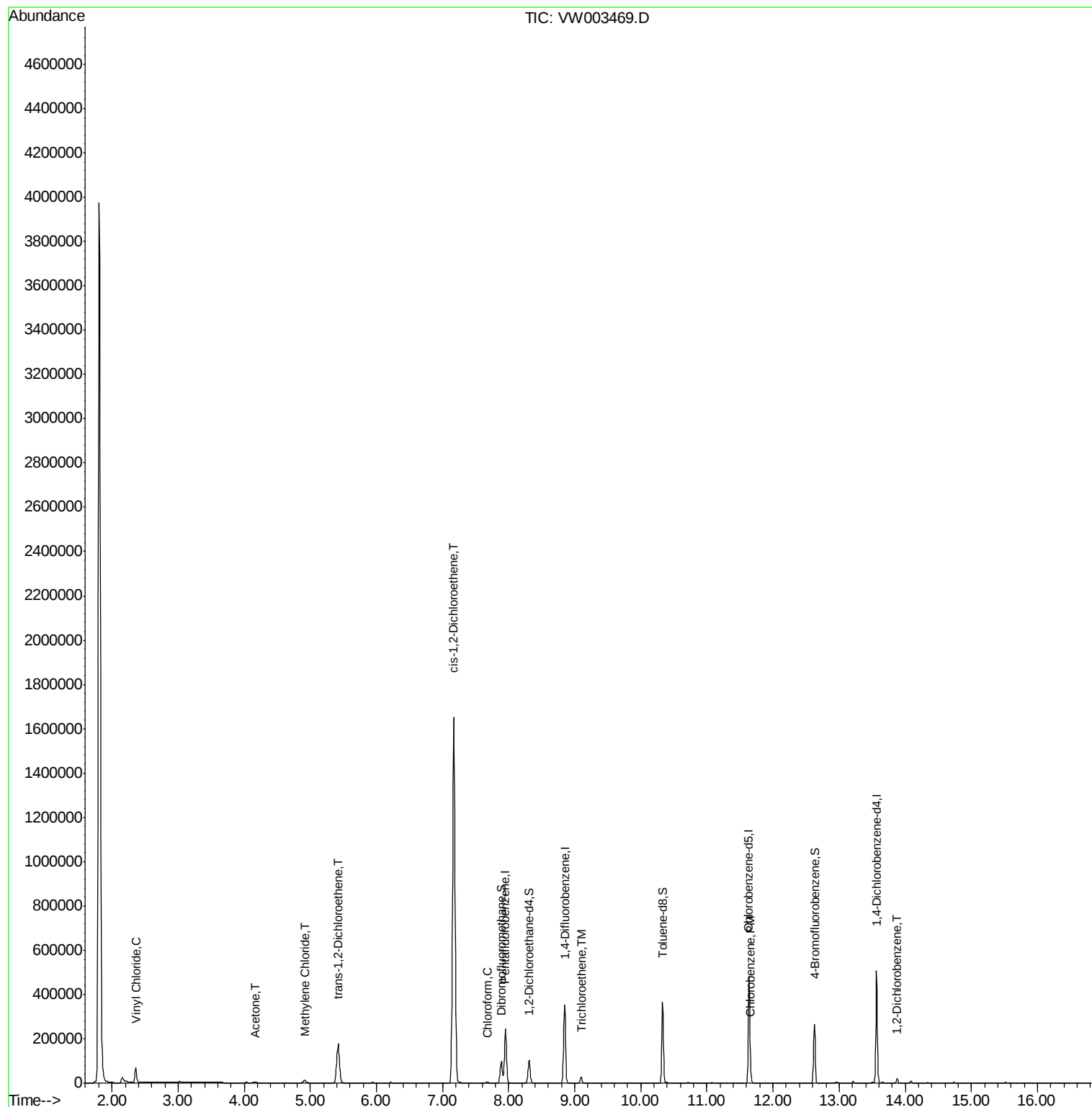
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	69125	34.39	ug/l	98
16) Acetone	4.16	43	8270	20.17	ug/l	91
20) Methylene Chloride	4.92	84	9008	1.62	ug/l #	92
21) trans-1,2-Dichloroethene	5.42	96	107979	60.72	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	950725	486.68	ug/l	93
30) Chloroform	7.68	83	3848	1.12	ug/l #	81
44) Trichloroethene	9.10	130	9072	4.51	ug/l	95
65) Chlorobenzene	11.66	112	15164	2.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	6817	1.90	ug/l	98

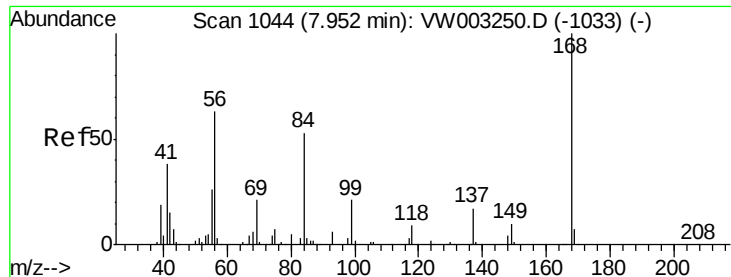
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

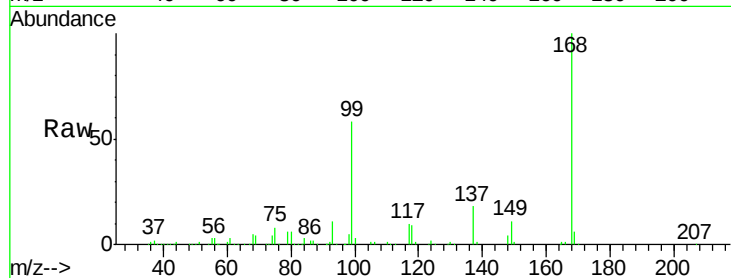
DUP-0476-180619

Tot Ion:168 Resp: 180498

Ion Ratio Lower Upper

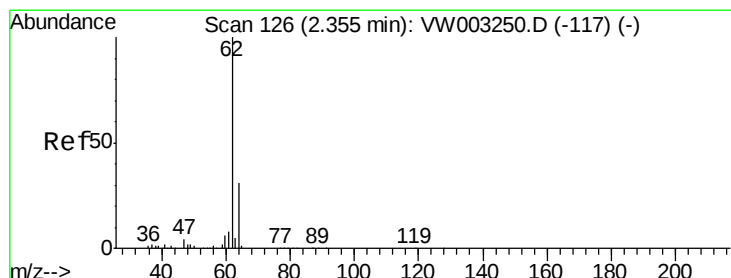
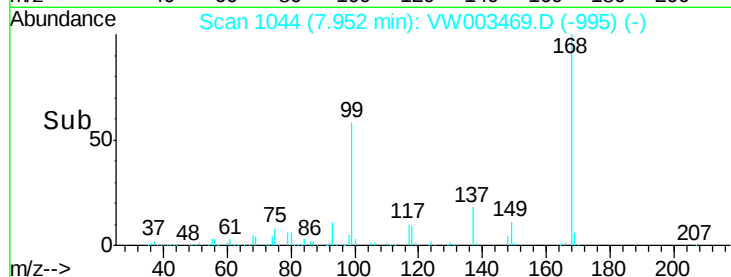
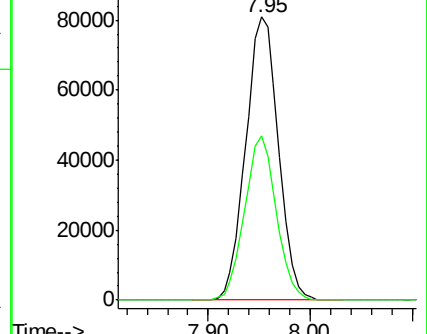
168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 34.39 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003469.D

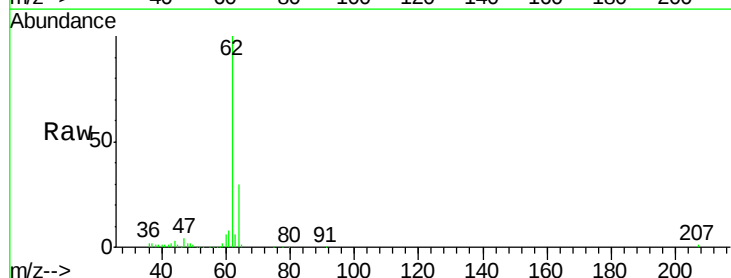
Acq: 23 Jun 2018 19:02

Tgt Ion: 62 Resp: 69125

Ion Ratio Lower Upper

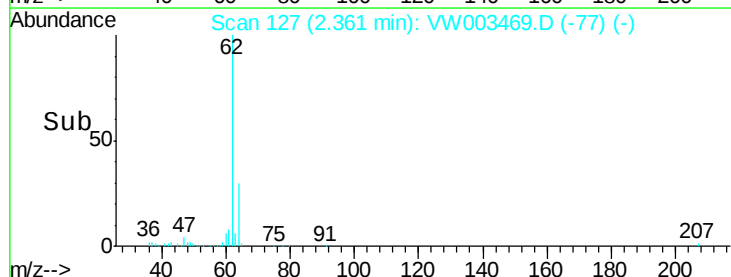
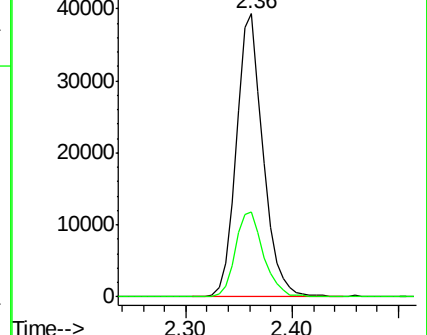
62 100

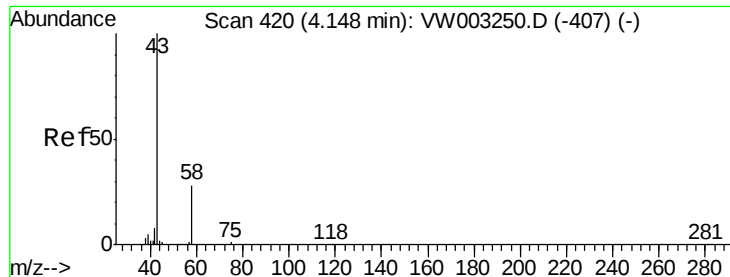
64 30.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#16

Acetone

Concen: 20.17 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

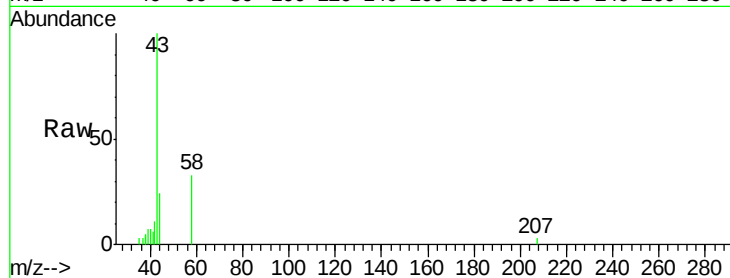
DUP-0476-180619

Tot Ion: 43 Resp: 8270

Ion Ratio Lower Upper

43 100

58 32.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.16

2500

2000

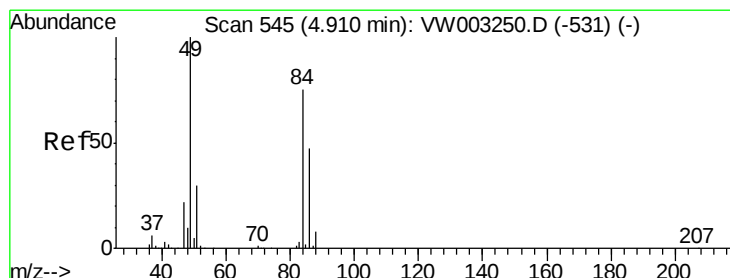
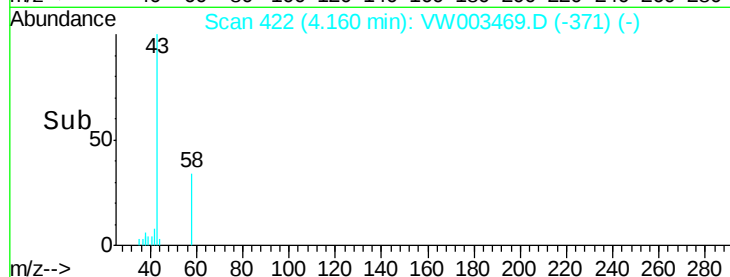
1500

1000

500

0

Time--> 4.00 4.10 4.20 4.30



#20

Methylene Chloride

Concen: 1.62 ug/l

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Tgt Ion: 84 Resp: 9008

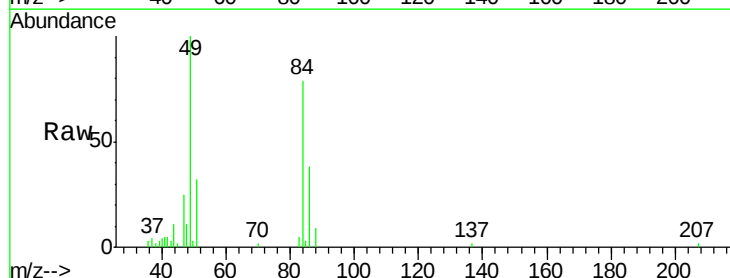
Ion Ratio Lower Upper

84 100

49 126.0 106.3 159.5

51 40.1 32.0 48.0

86 48.0 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

4.92

5000

4000

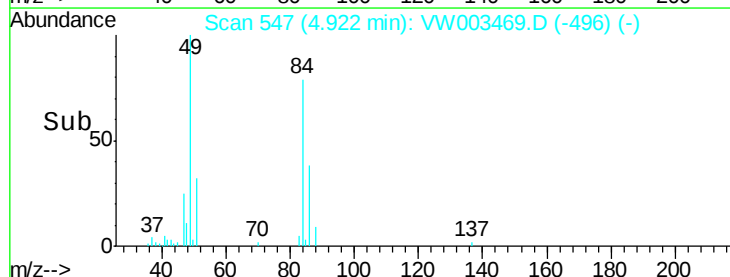
3000

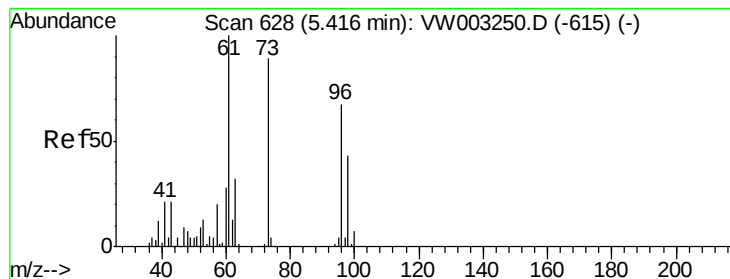
2000

1000

0

Time--> 4.80 4.90 5.00





#21

trans-1,2-Dichloroethene

Concen: 60.72 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

DUP-0476-180619

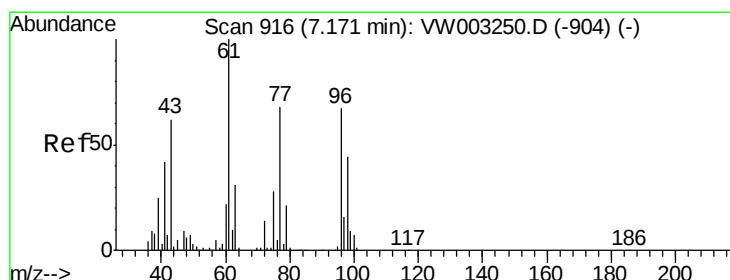
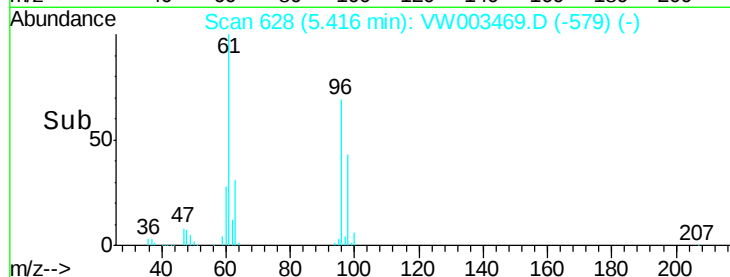
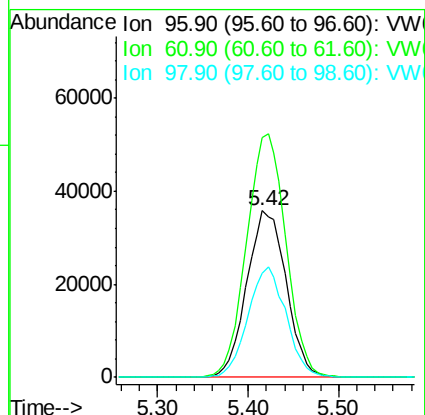
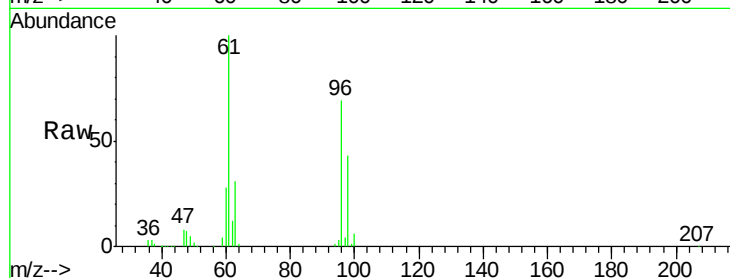
Tot Ion: 96 Resp: 107979

Ion Ratio Lower Upper

96 100

61 144.1 118.7 178.1

98 62.7 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 486.68 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

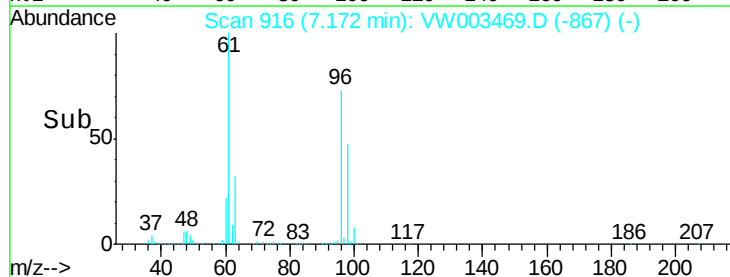
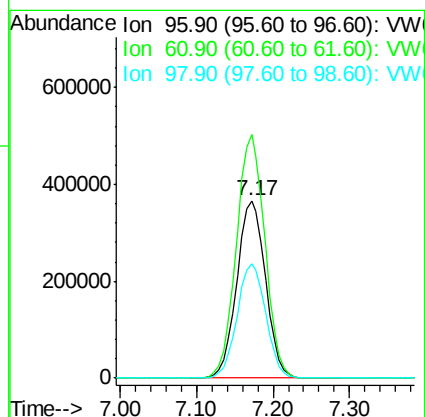
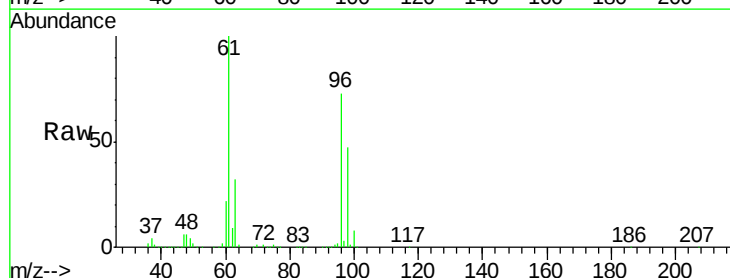
Tgt Ion: 96 Resp: 950725

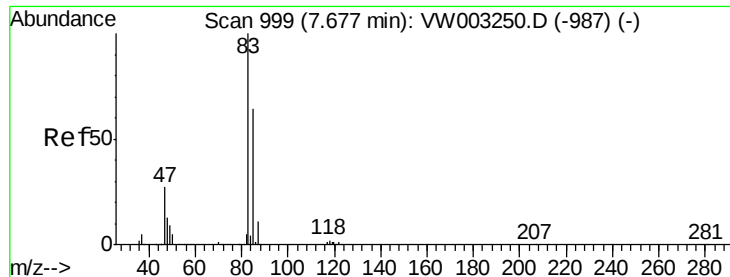
Ion Ratio Lower Upper

96 100

61 136.4 0.0 298.8

98 64.4 0.0 130.4





#30

Chloroform

Concen: 1.12 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

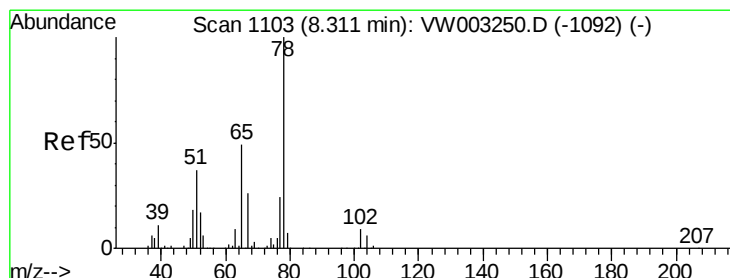
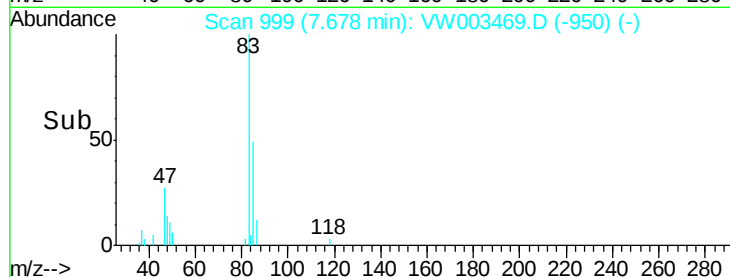
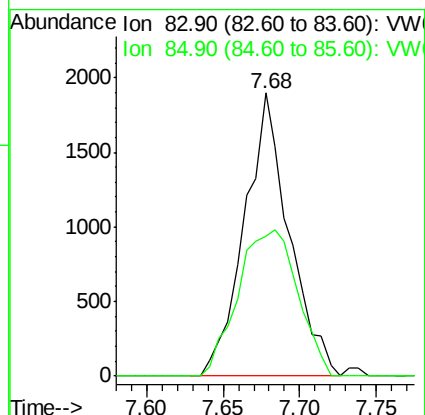
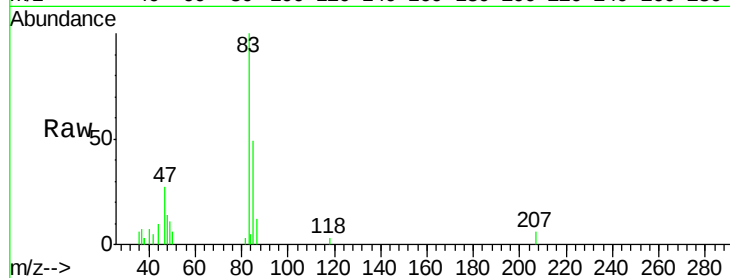
DUP-0476-180619

Tot Ion: 83 Resp: 3848

Ion Ratio Lower Upper

83 100

85 49.2 51.3 76.9#



#33

1,2-Dichloroethane-d4

Concen: 41.55 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003469.D

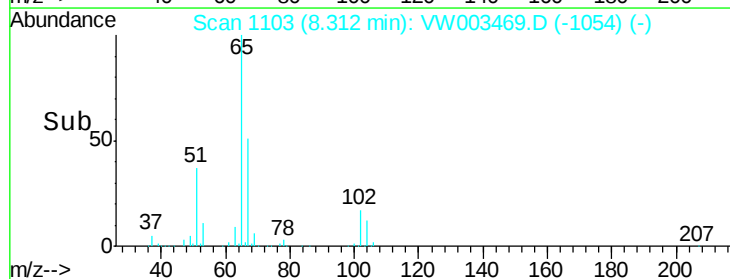
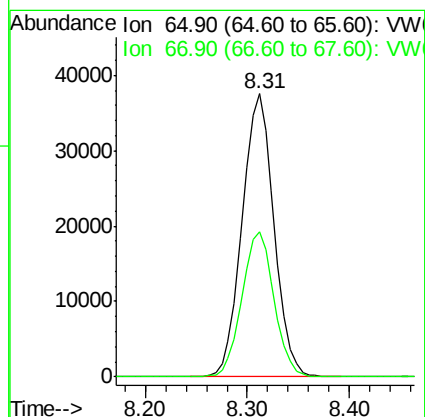
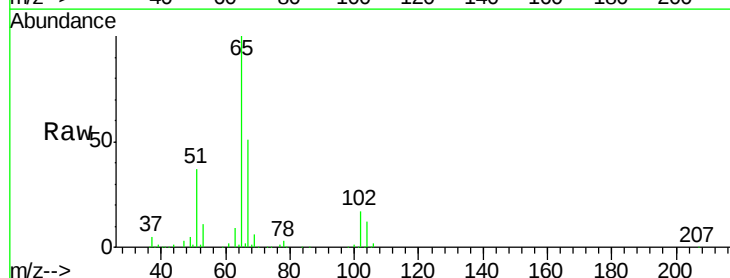
Acq: 23 Jun 2018 19:02

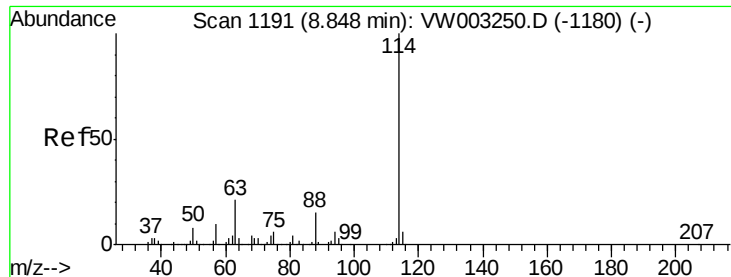
Tgt Ion: 65 Resp: 81227

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2

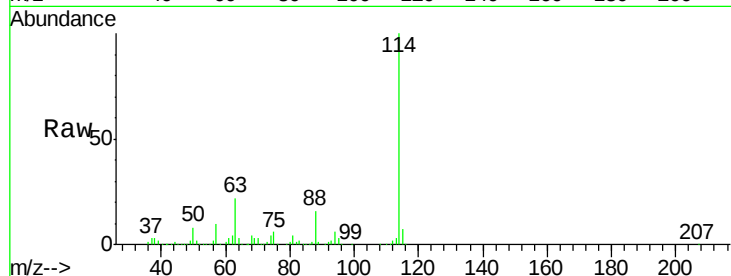




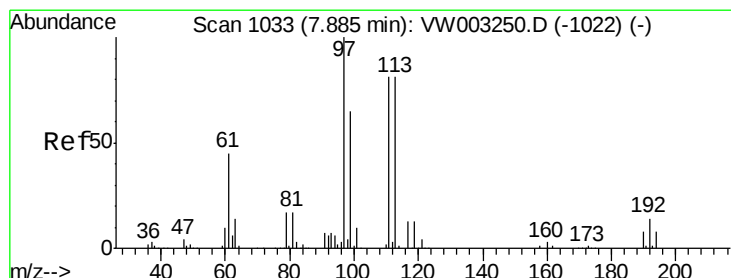
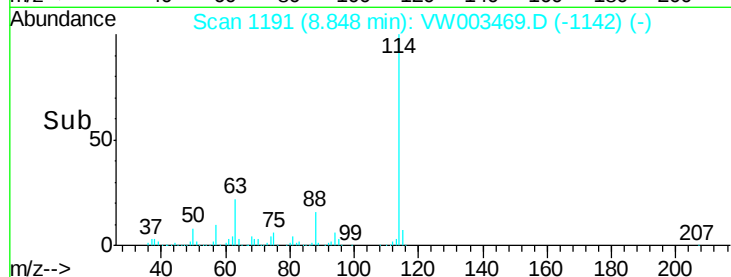
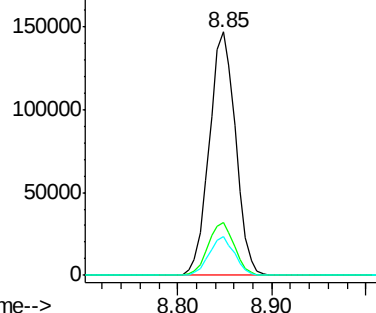
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003469.D
 Acq: 23 Jun 2018 19:02

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0476-180619

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	15.9	0.0	29.6

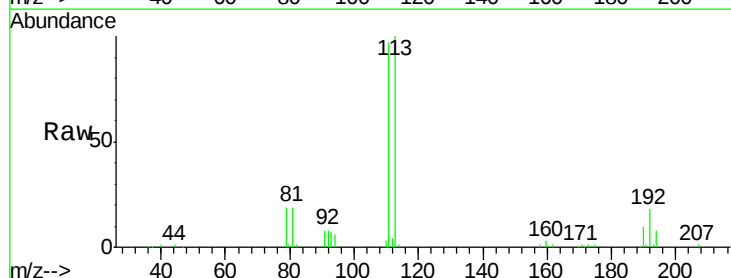


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

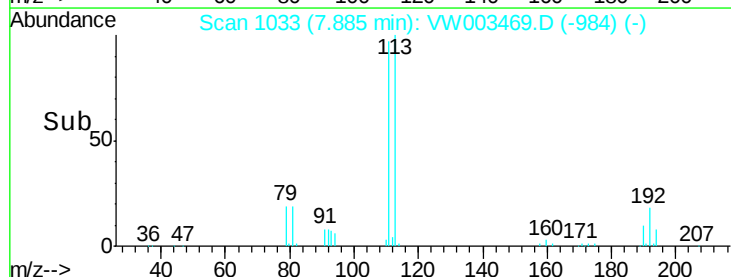
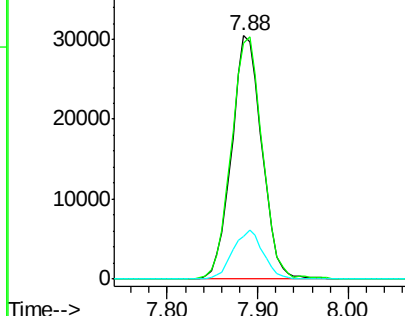


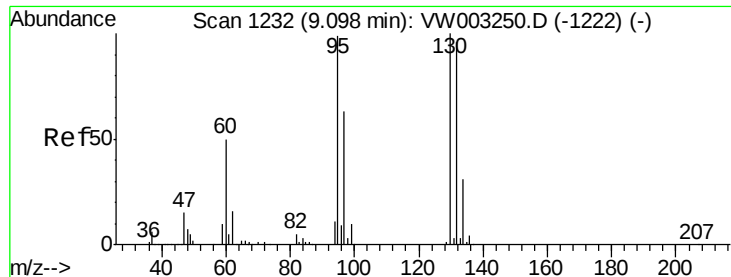
#35
 Dibromofluoromethane
 Concen: 39.83 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003469.D
 Acq: 23 Jun 2018 19:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	20.1	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





#44

Trichloroethene

Concen: 4.51 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

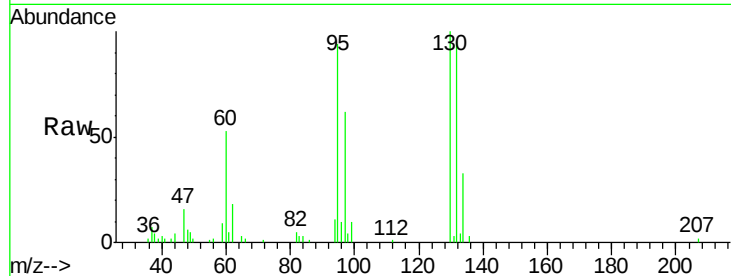
DUP-0476-180619

Tot Ion:130 Resp: 9072

Ion Ratio Lower Upper

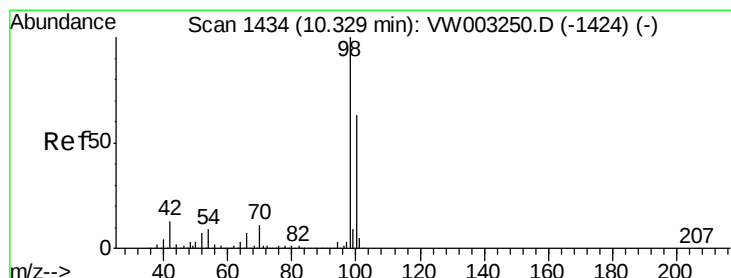
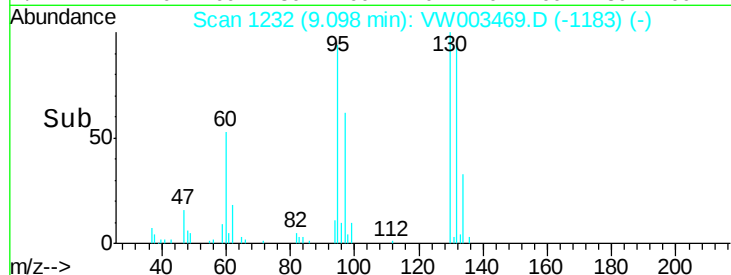
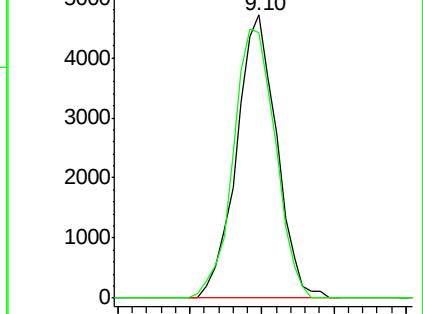
130 100

95 93.7 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 33.29 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003469.D

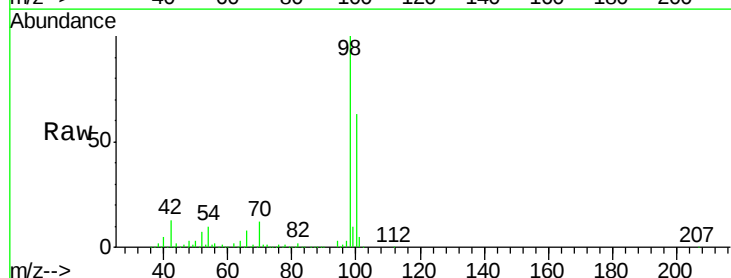
Acq: 23 Jun 2018 19:02

Tgt Ion: 98 Resp: 233788

Ion Ratio Lower Upper

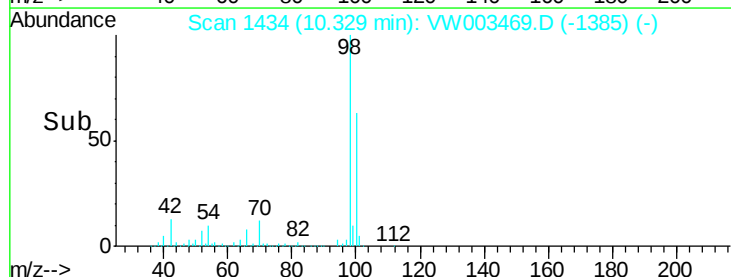
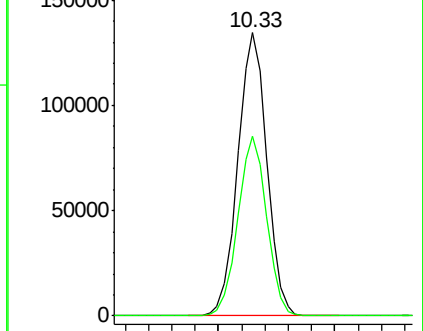
98 100

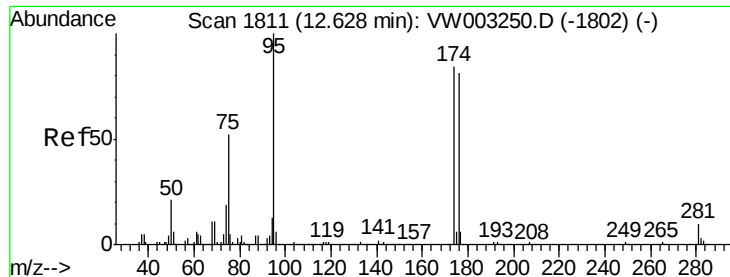
100 62.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

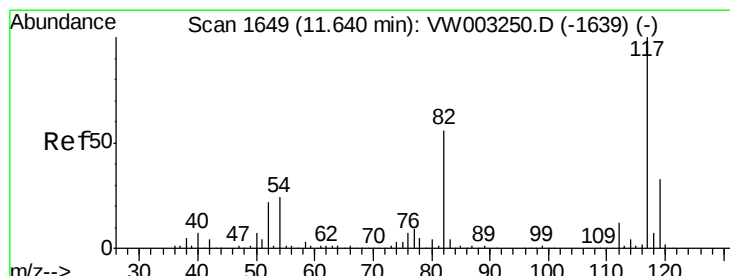
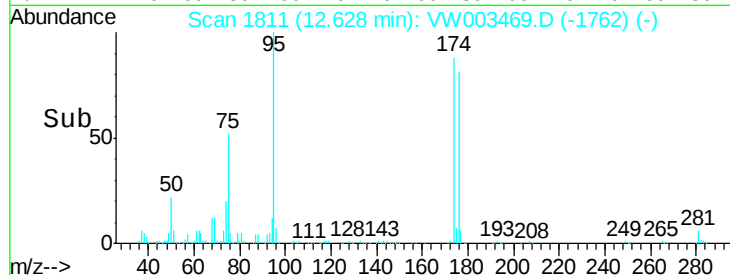
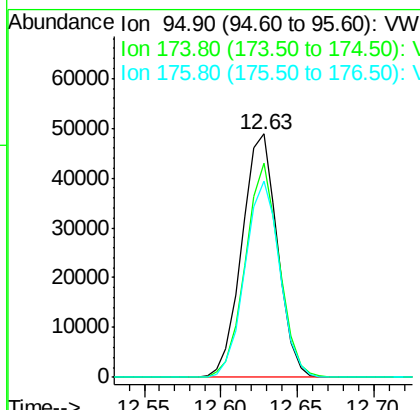
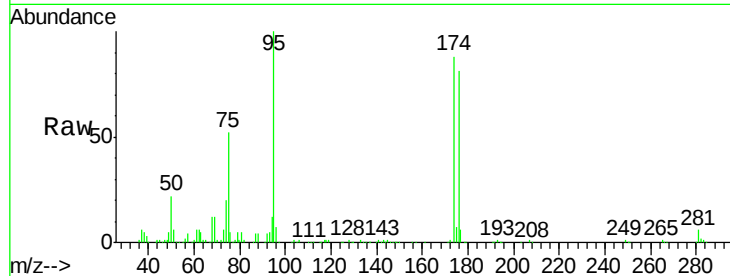




#62
4-Bromofluorobenzene
Concen: 31.58 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003469.D
Acq: 23 Jun 2018 19:02

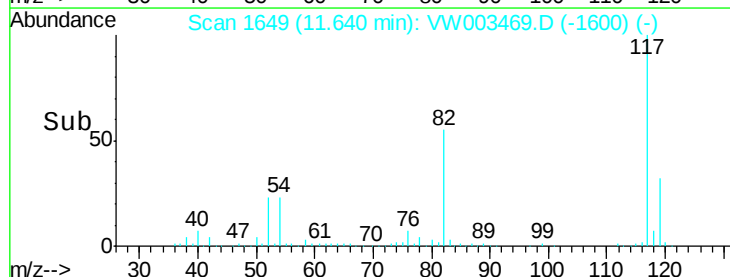
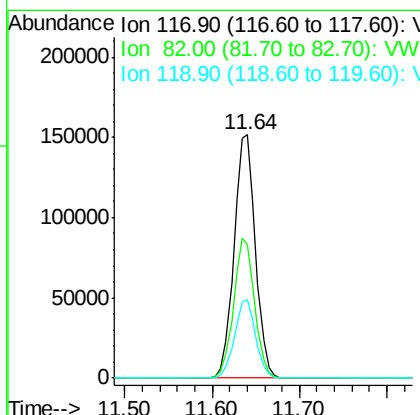
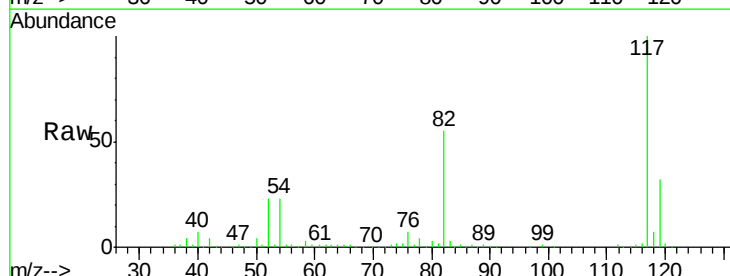
Instrument :
MSVOA_W
ClientSampleId :
DUP-0476-180619

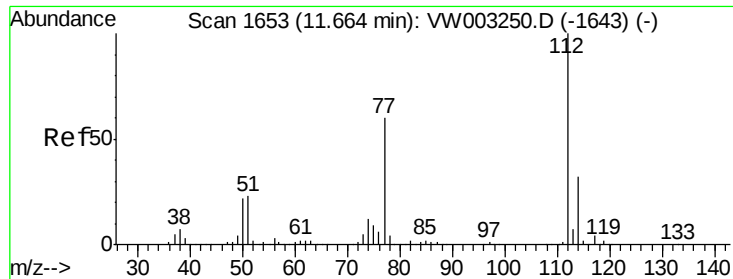
Tot Ion: 95 Resp: 78487
Ion Ratio Lower Upper
95 100
174 84.1 0.0 166.4
176 79.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003469.D
Acq: 23 Jun 2018 19:02

Tgt Ion: 117 Resp: 257458
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.1 26.7 40.1

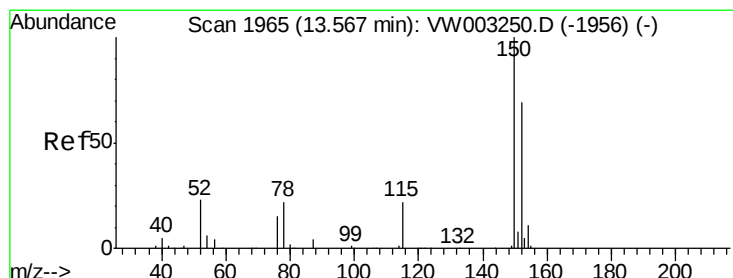
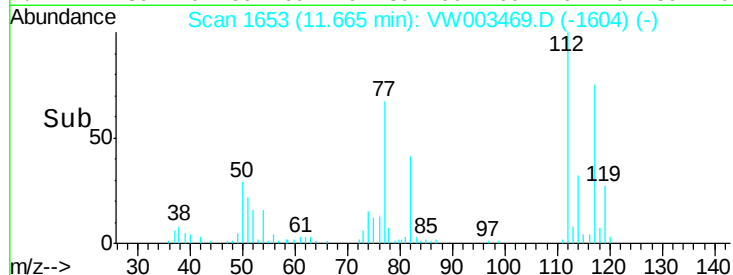
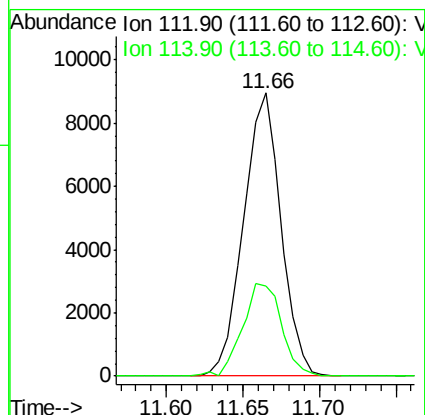
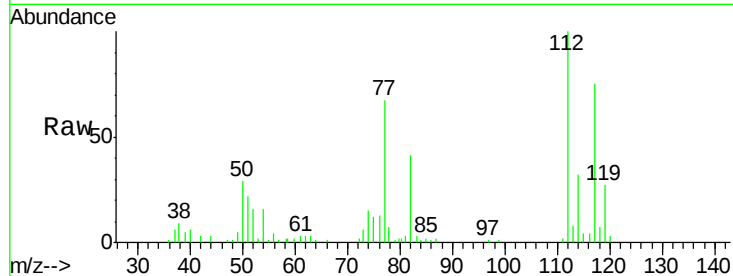




#65
Chlorobenzene
Concen: 2.83 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003469.D
Acq: 23 Jun 2018 19:02

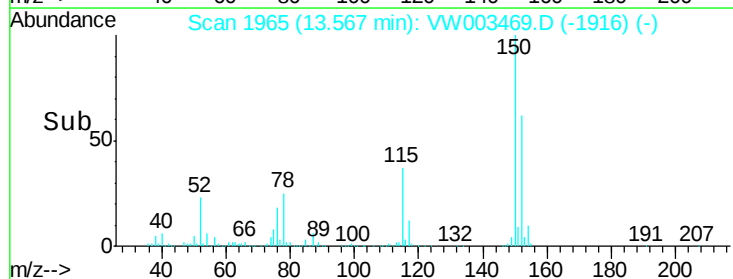
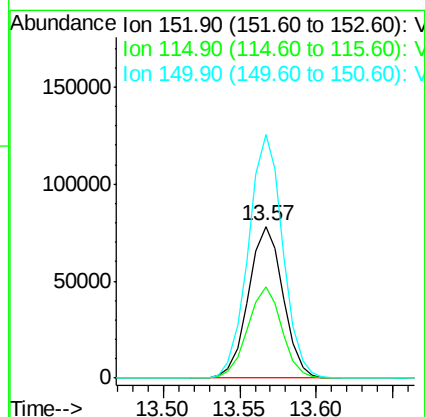
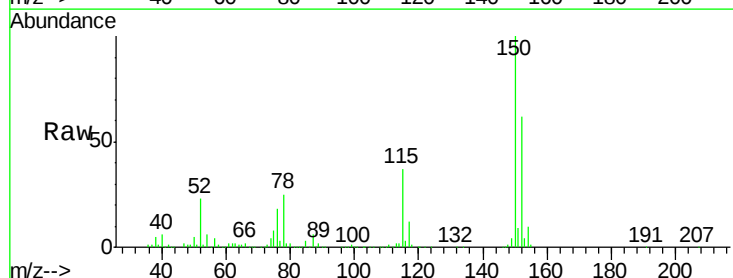
Instrument :
MSVOA_W
ClientSampleId :
DUP-0476-180619

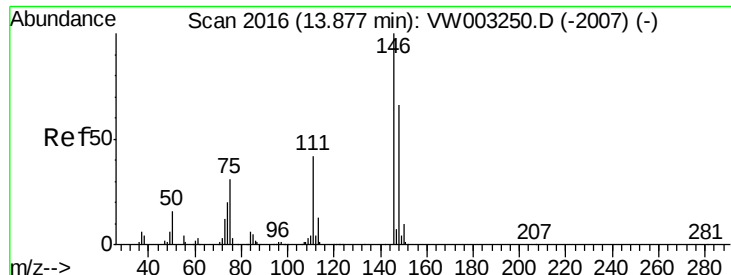
Tot Ion:112 Resp: 15164
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003469.D
Acq: 23 Jun 2018 19:02

Tgt Ion:152 Resp: 123272
Ion Ratio Lower Upper
152 100
115 59.1 29.3 88.0
150 159.3 0.0 349.6





#91

1,2-Dichlorobenzene

Concen: 1.90 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003469.D

Acq: 23 Jun 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

DUP-0476-180619

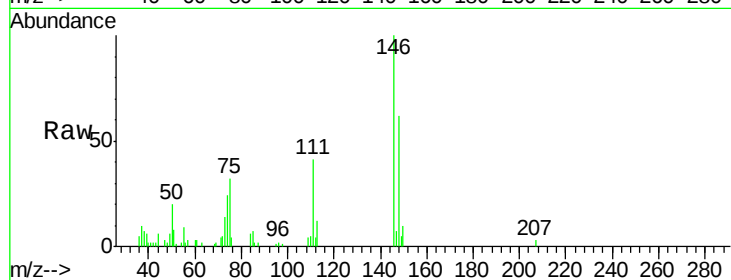
Tot Ion:146 Resp: 6817

Ion Ratio Lower Upper

146 100

111 42.4 20.3 61.0

148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

