

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004722.D
 Acq On : 16 Aug 2018 03:11
 Operator : SY/AP
 Sample : J4448-04
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-101-0-2

Quant Time: Aug 16 05:02:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	563002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	969643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	896648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	376294	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	294704	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	7.88	113	290079	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	
50) Toluene-d8	10.33	98	1008047	40.90	ug/l	0.00
Spiked Amount			Recovery	=	81.80%	
62) 4-Bromofluorobenzene	12.62	95	308805	34.78	ug/l	0.00
Spiked Amount			Recovery	=	69.56%	

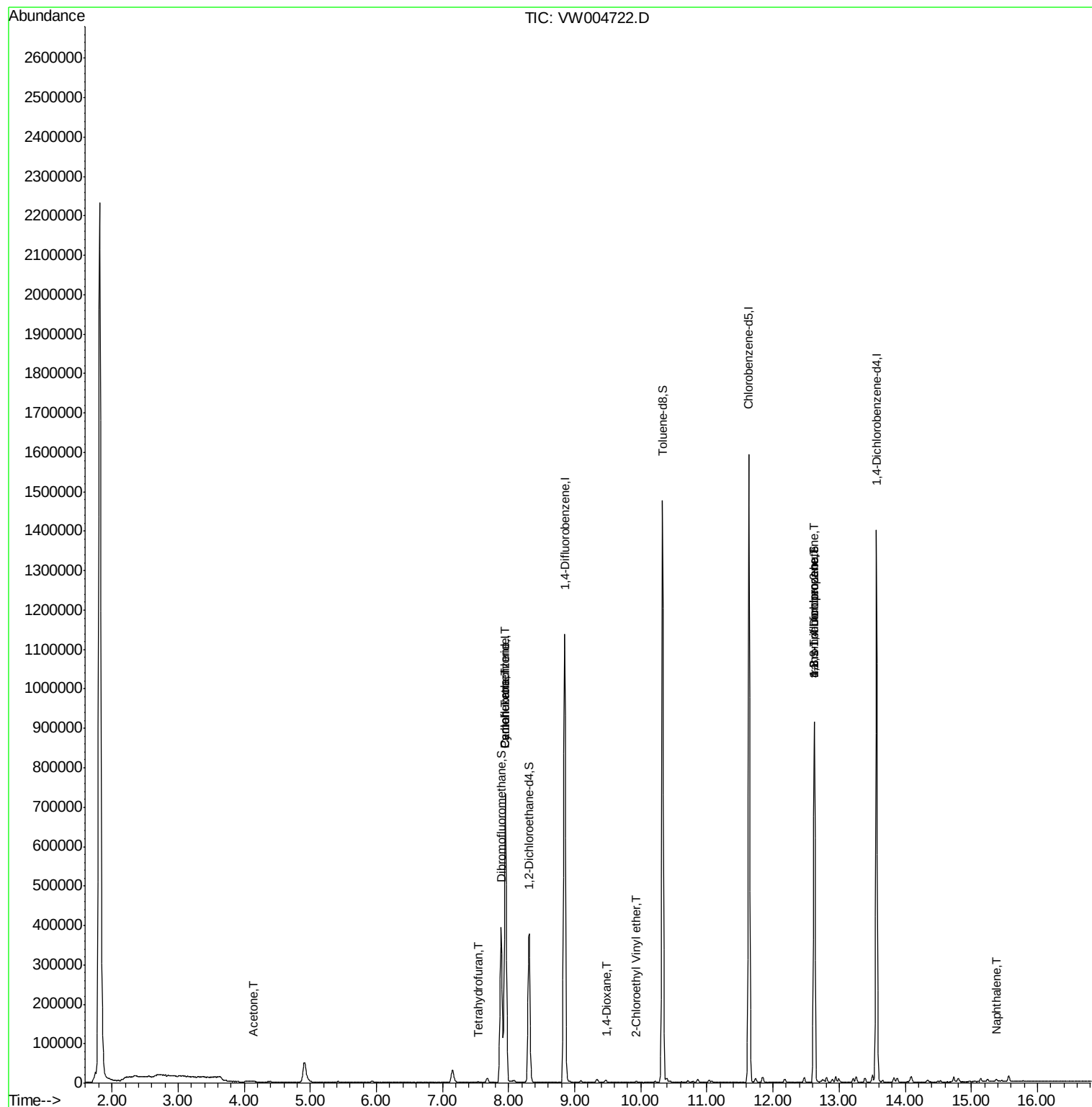
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5315	3.415	ug/l	98
20) Methylene Chloride	4.92	84	47279	Below Cal		98
29) Tetrahydrofuran	7.54	42	1717	1.327	ug/l #	86
31) Cyclohexane	7.95	56	13431	1.150	ug/l #	1
38) Carbon Tetrachloride	7.95	117	51856	5.520	ug/l #	17
49) 1,4-Dioxane	9.48	88	304	5.098	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.93	63	1453	9.337	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	149174	38.311	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	149174	91.710	ug/l #	13
95) Naphthalene	15.37	128	5221	3.207	ug/l #	95

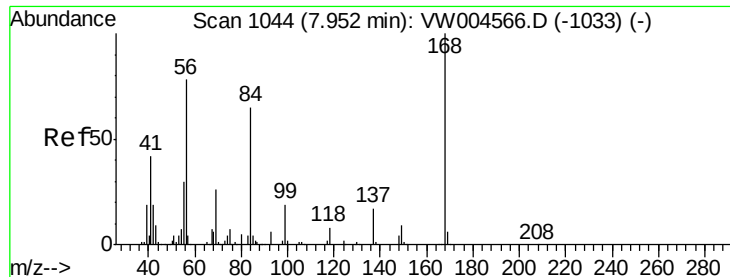
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 07 08:22:01 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: VW004722.D

Acq: 16 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

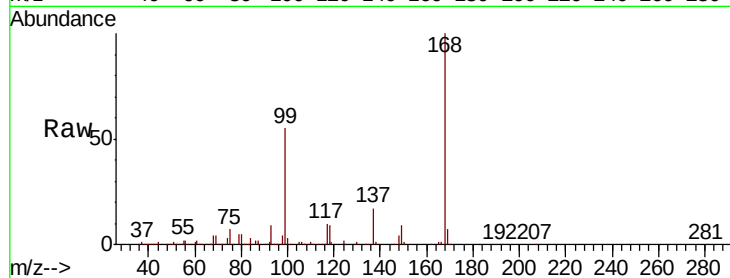
TOD1-SB-101-0-2

Tot Ion:168 Resp: 563002

Ion Ratio Lower Upper

168 100

99 54.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

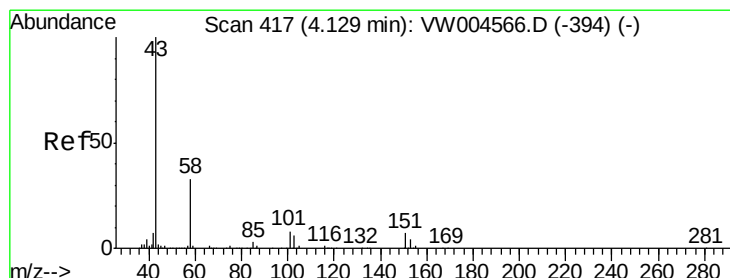
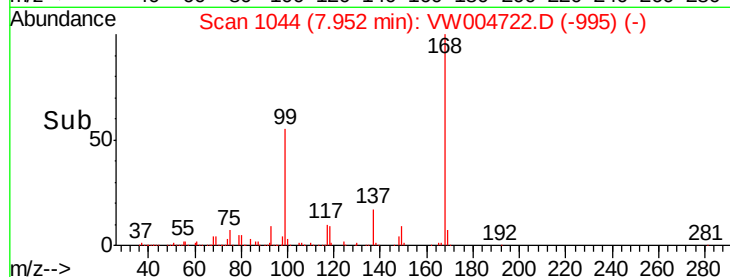
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.415 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004722.D

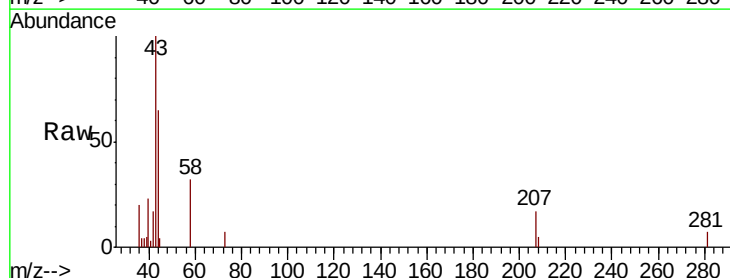
Acq: 16 Aug 2018 03:11

Tgt Ion: 43 Resp: 5315

Ion Ratio Lower Upper

43 100

58 32.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

1500

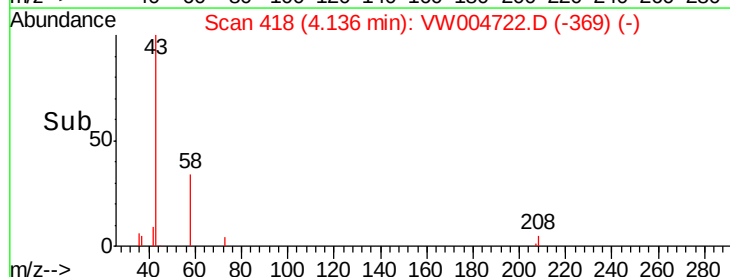
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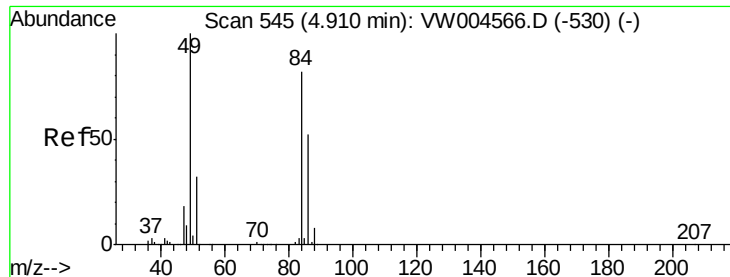
500

0

Time-->

4.05 4.10 4.15 4.20



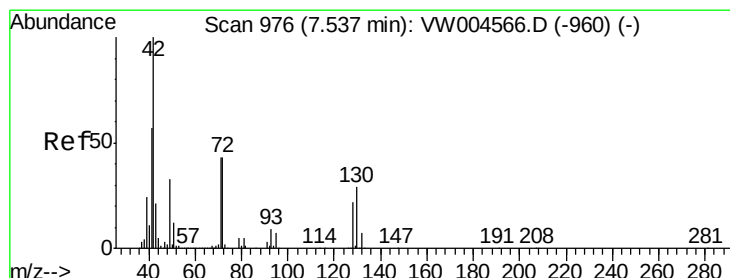
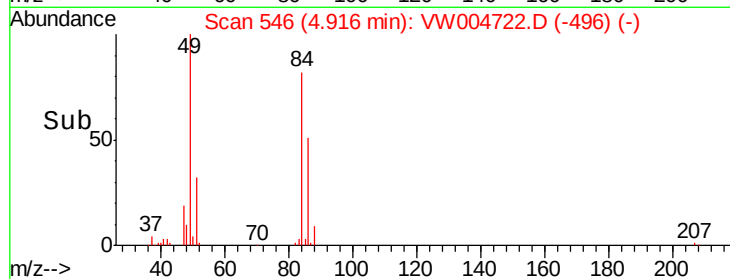
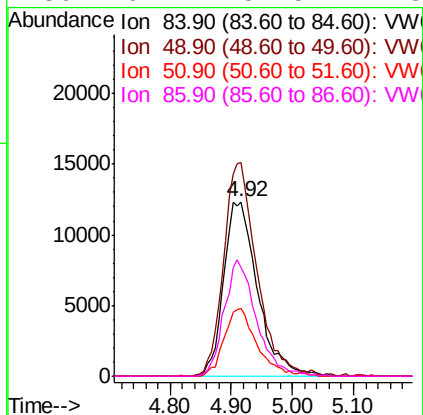
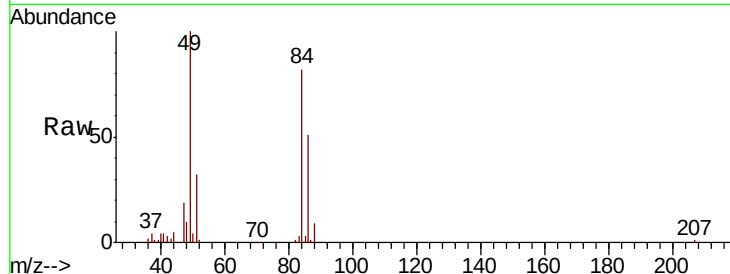


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.92 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: VW004722.D
 Acq: 16 Aug 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-101-0-2

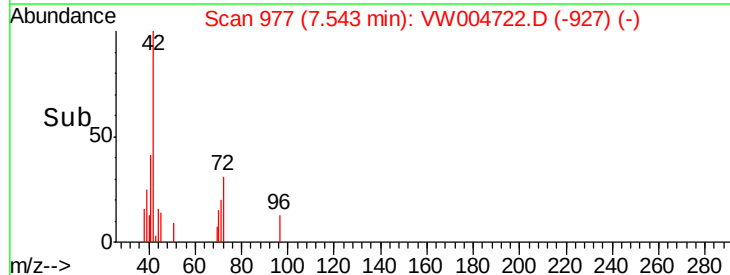
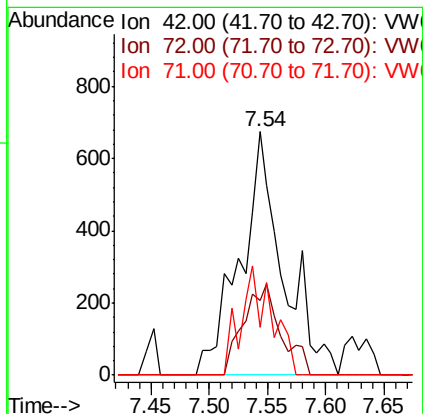
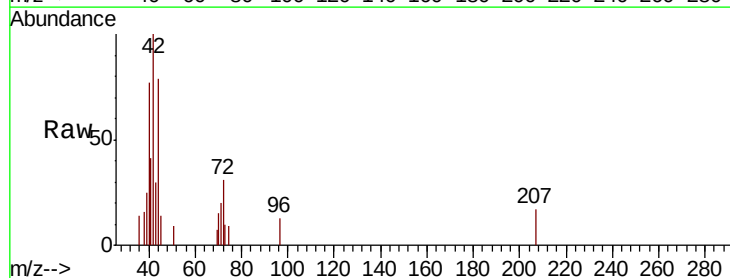
Tot Ion:	84	Resp:	47279
Ion	Ratio	Lower	Upper
84	100		
49	122.5	99.6	149.4
51	39.2	31.0	46.4
86	62.1	51.5	77.3

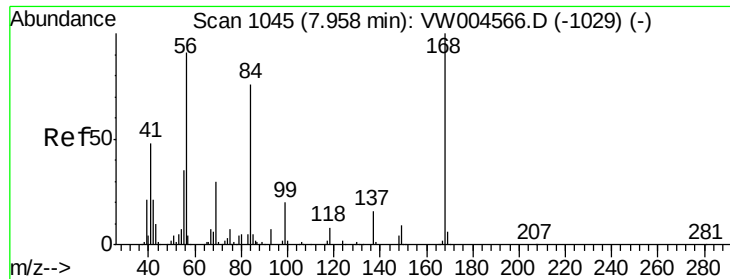


#29

Tetrahydrofuran
 Concen: 1.327 ug/l
 RT: 7.54 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: VW004722.D
 Acq: 16 Aug 2018 03:11

Tgt Ion:	42	Resp:	1717
Ion	Ratio	Lower	Upper
42	100		
72	33.0	34.1	51.1#
71	32.6	32.5	48.7

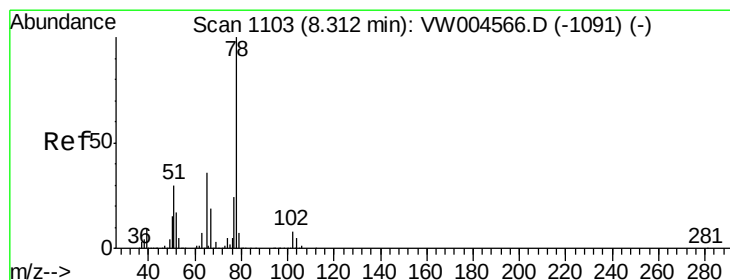
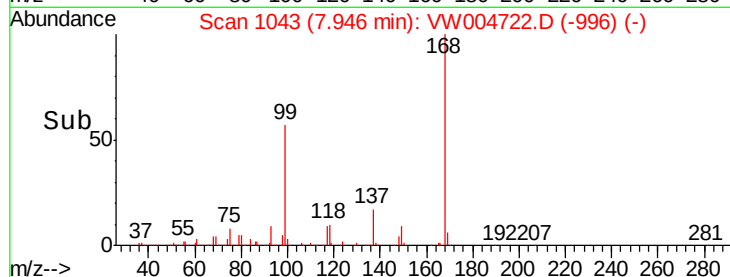
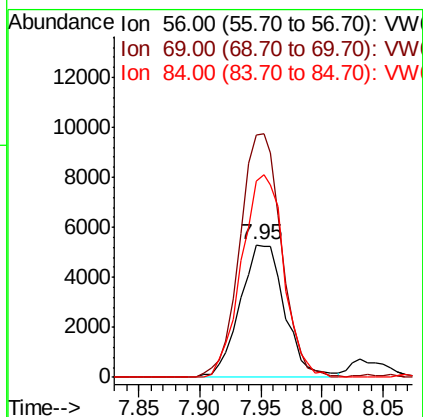
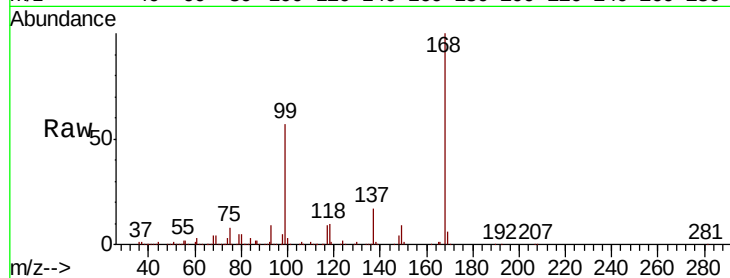




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

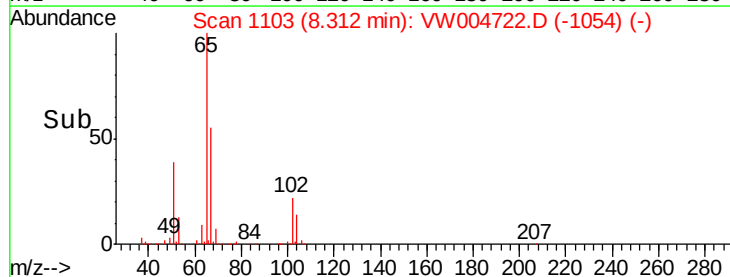
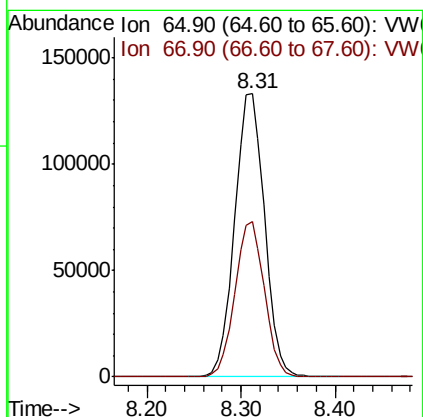
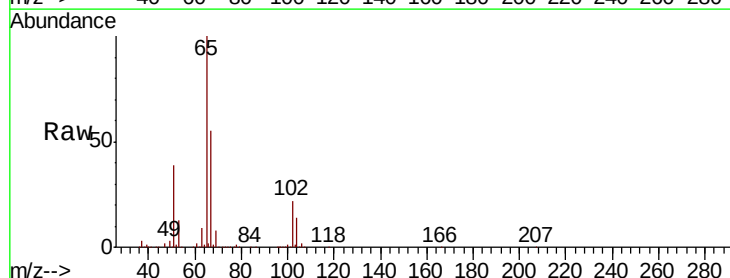
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-101-0-2

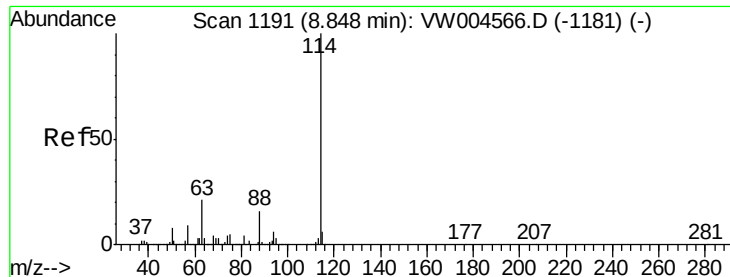
Tot Ion: 56 Resp: 13431
Ion Ratio Lower Upper
56 100
69 183.0 26.4 39.6#
84 148.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.287 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

Tgt Ion: 65 Resp: 294704
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0

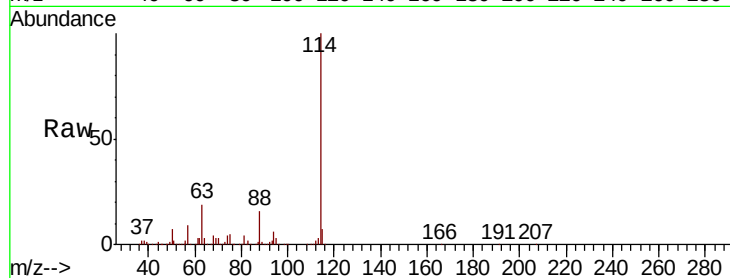




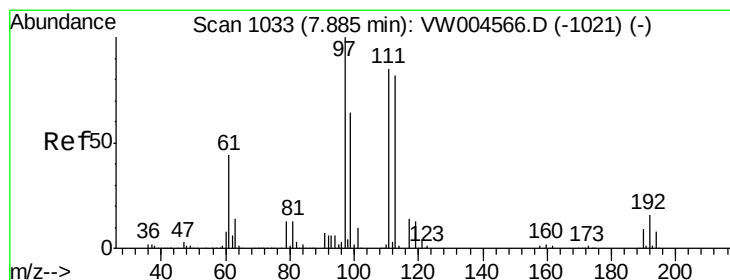
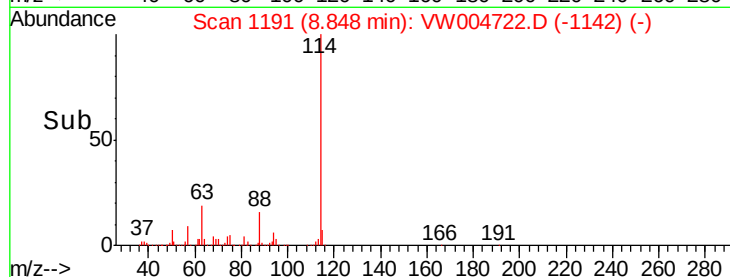
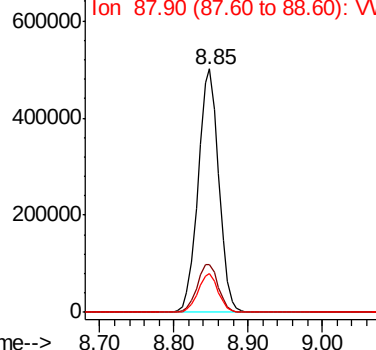
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004722.D
 Acq: 16 Aug 2018 03:11

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-101-0-2

Tot Ion:114 Resp: 969643
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.8 0.0 31.2

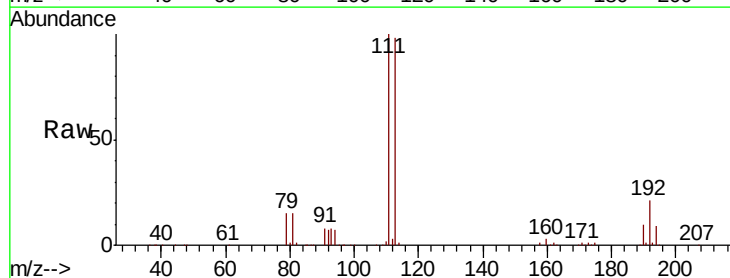


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

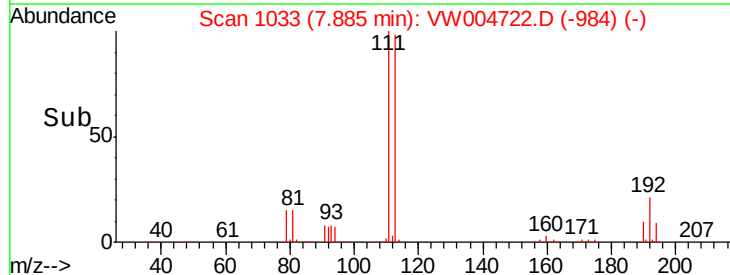
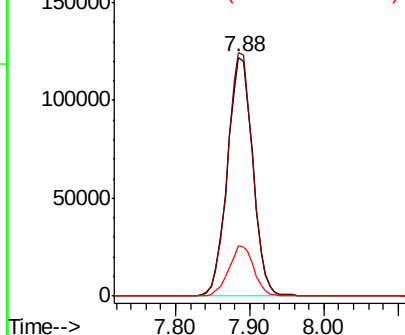


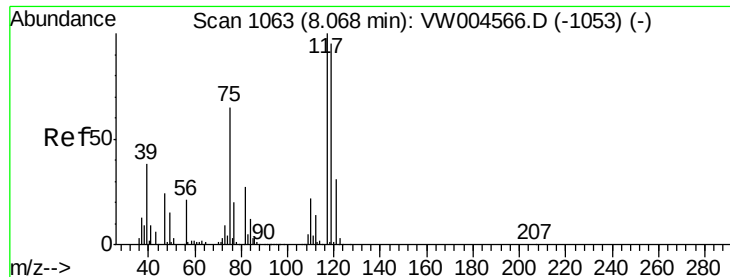
#35
 Dibromofluoromethane
 Concen: 44.867 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004722.D
 Acq: 16 Aug 2018 03:11

Tgt Ion:113 Resp: 290079
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 20.7 15.8 23.6



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





#38

Carbon Tetrachloride

Concen: 5.520 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004722.D

Acq: 16 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-101-0-2

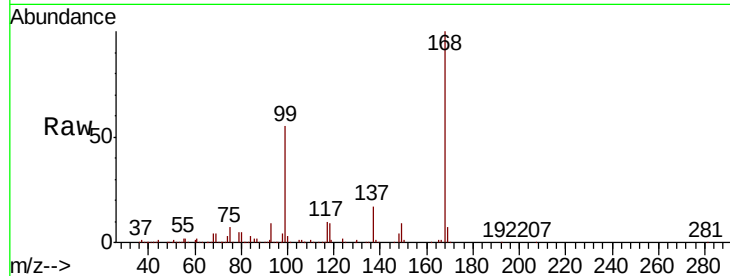
Tot Ion:117 Resp: 51856

Ion Ratio Lower Upper

117 100

119 6.3 76.1 114.1#

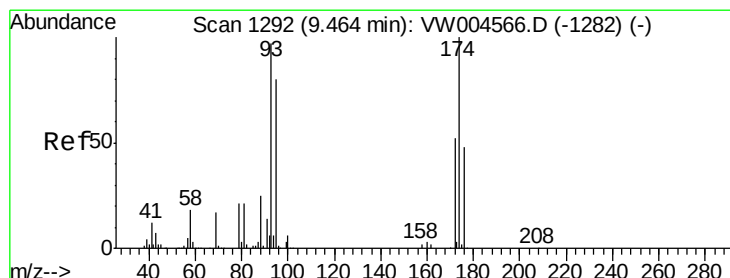
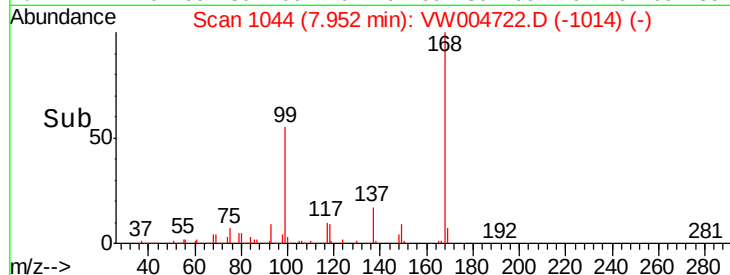
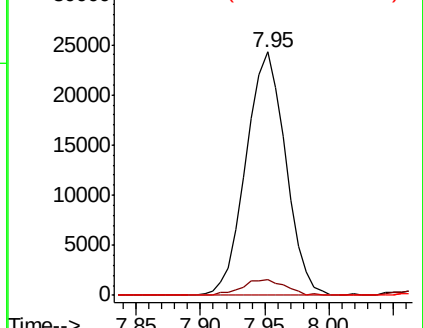
121 0.0 24.2 36.4#



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: 5.098 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004722.D

Acq: 16 Aug 2018 03:11

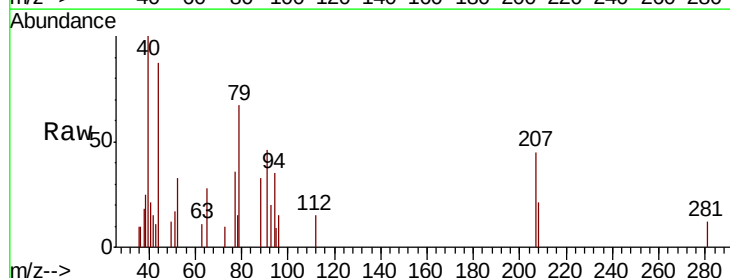
Tgt Ion: 88 Resp: 304

Ion Ratio Lower Upper

88 100

43 77.3 0.0 0.0#

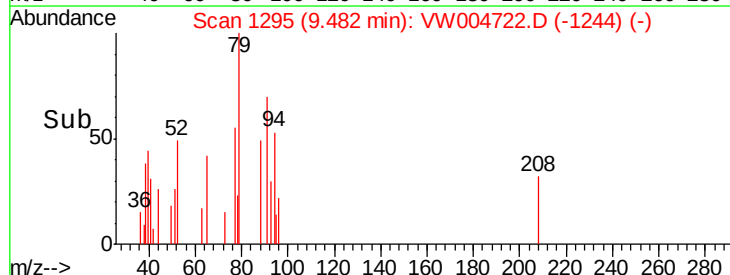
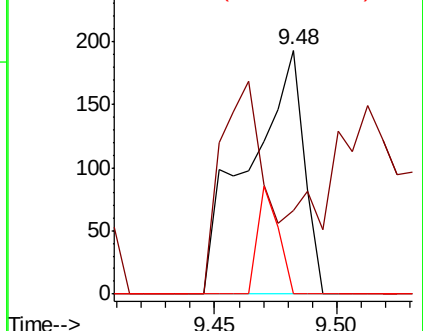
58 16.4 63.5 95.3#

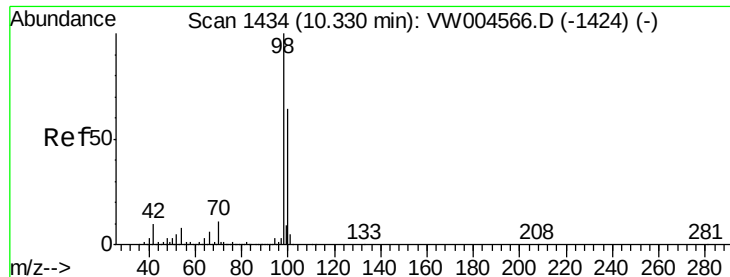


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 40.898 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004722.D

Acq: 16 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

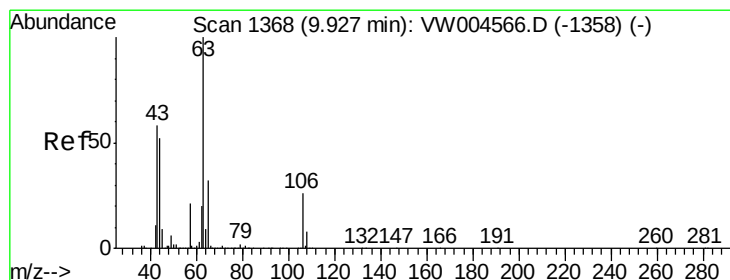
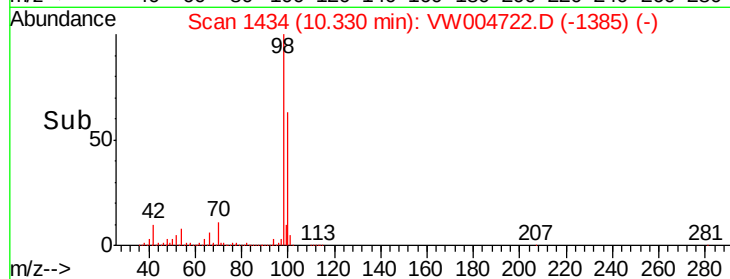
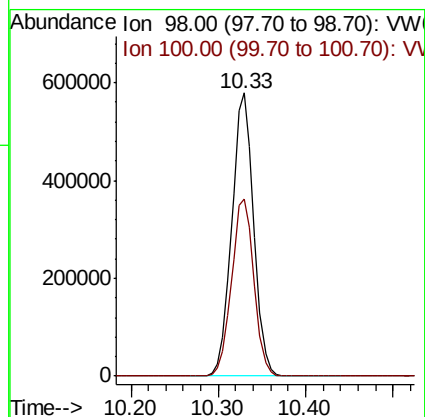
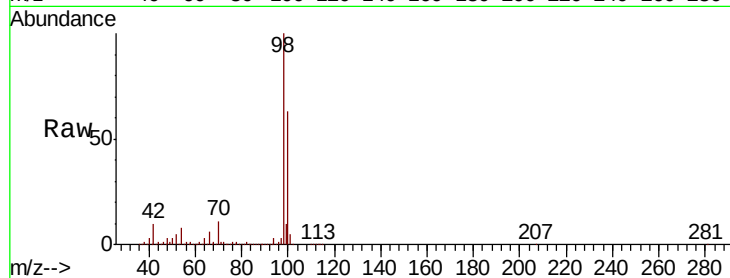
TOD1-SB-101-0-2

Tot Ion: 98 Resp: 1008047

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.337 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW004722.D

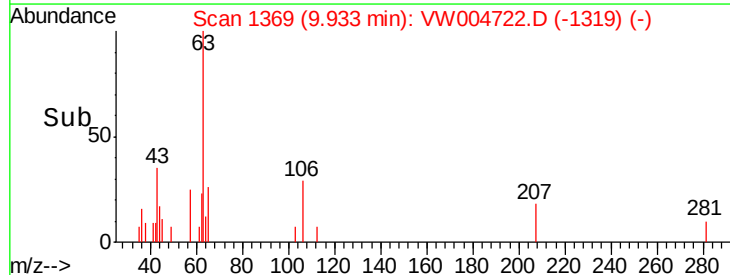
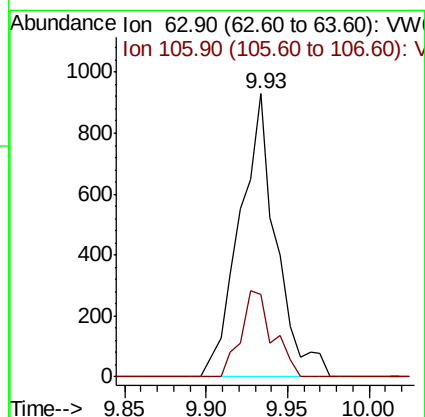
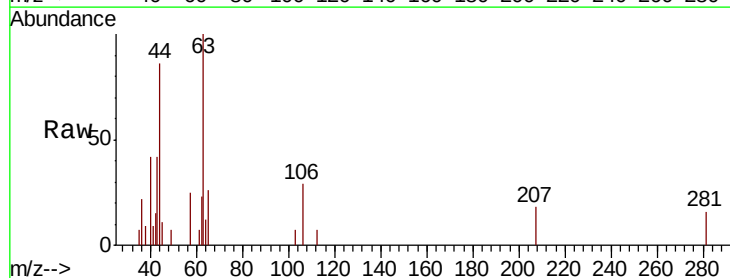
Acq: 16 Aug 2018 03:11

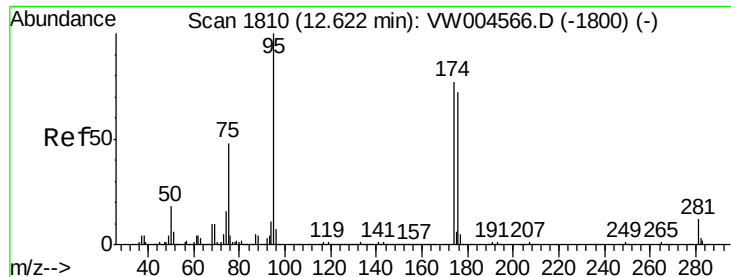
Tgt Ion: 63 Resp: 1453

Ion Ratio Lower Upper

63 100

106 26.3 21.3 31.9

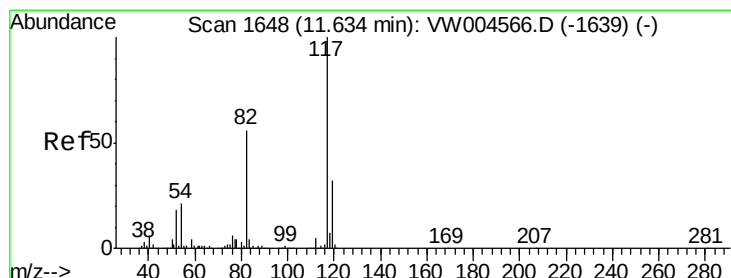
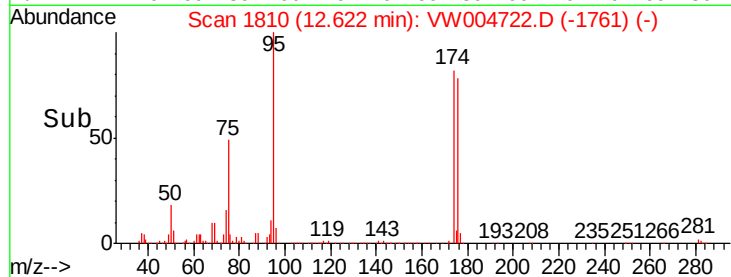
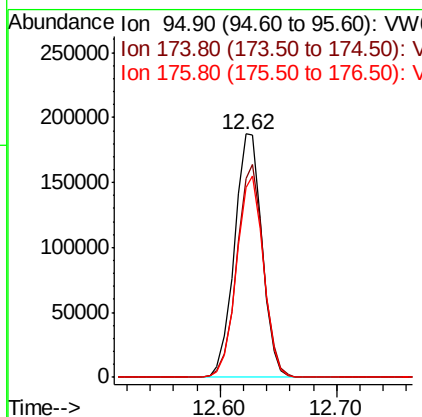
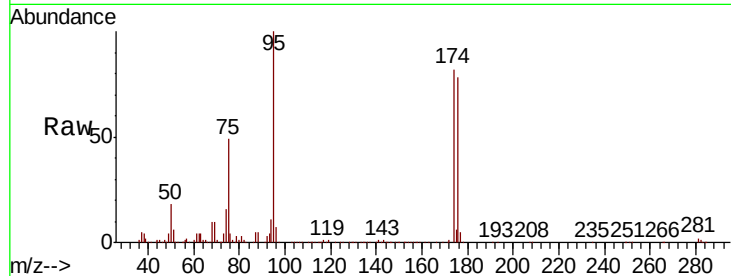




#62
4-Bromofluorobenzene
Concen: 34.781 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

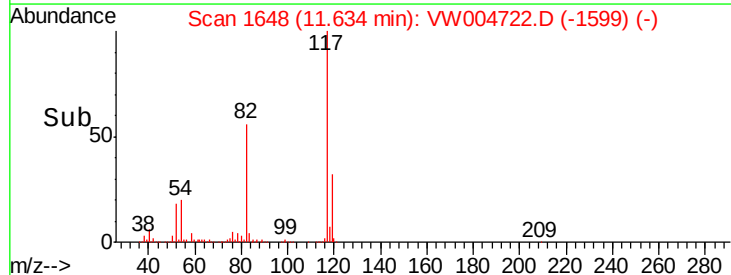
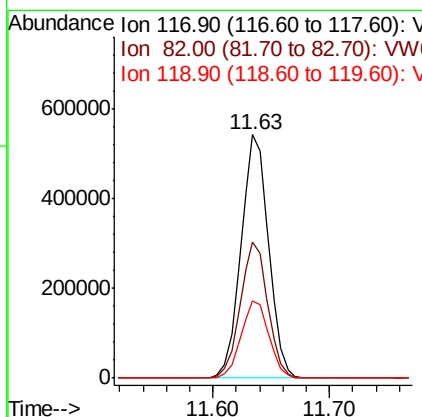
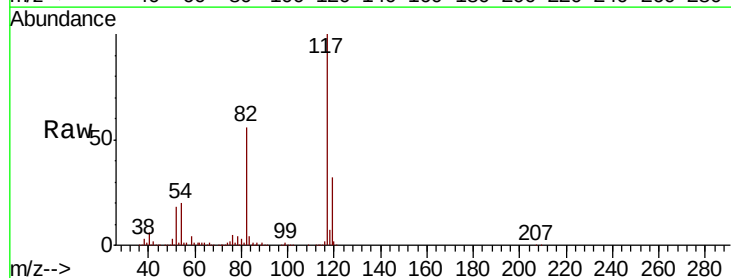
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-101-0-2

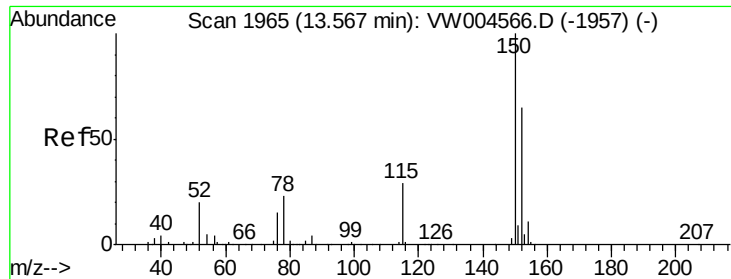
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	160.4
176	80.9	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.3	67.9
119	31.8	26.2	39.4



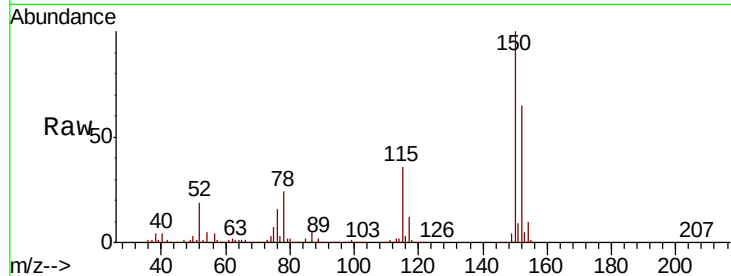


#72

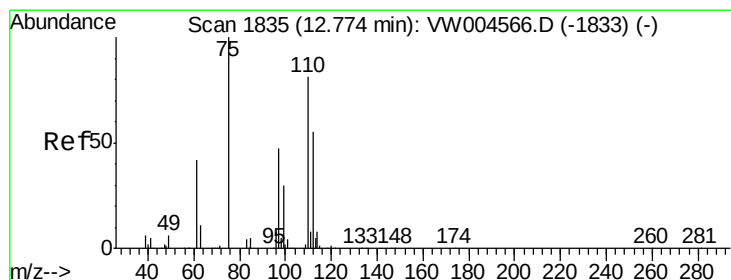
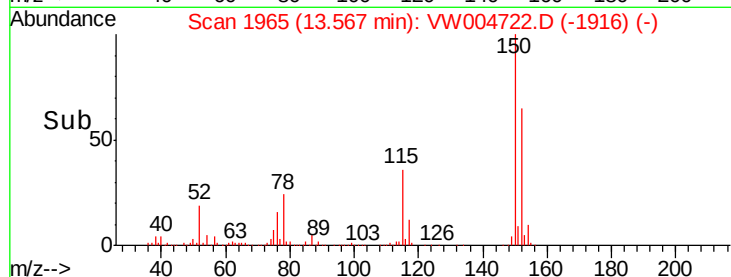
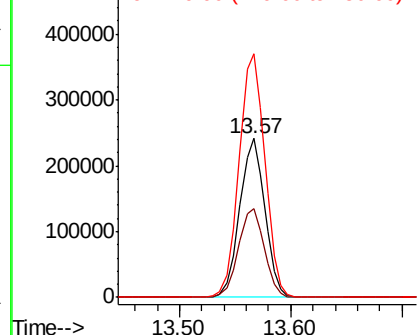
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-101-0-2

Tot Ion:152 Resp: 376294
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 157.7 0.0 349.6



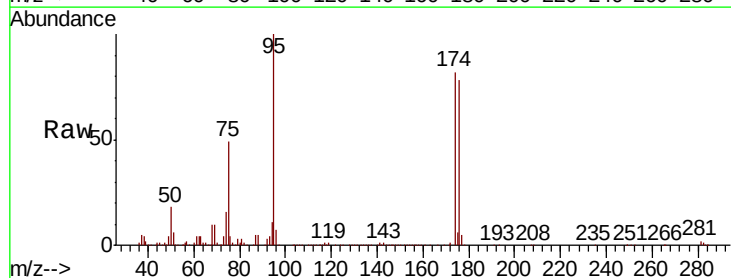
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



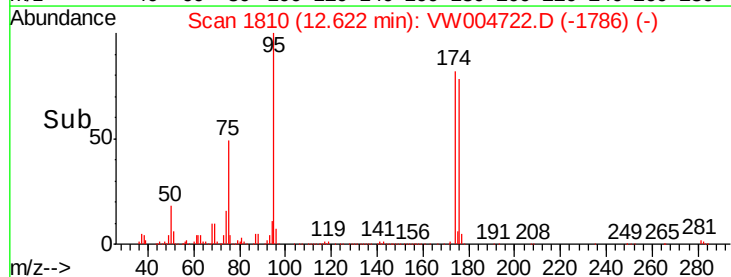
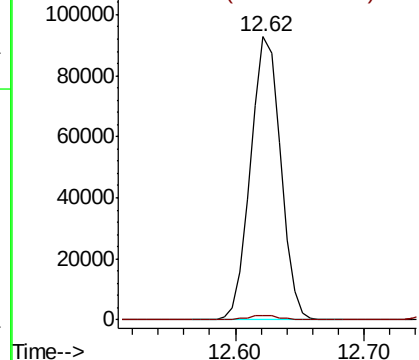
#76

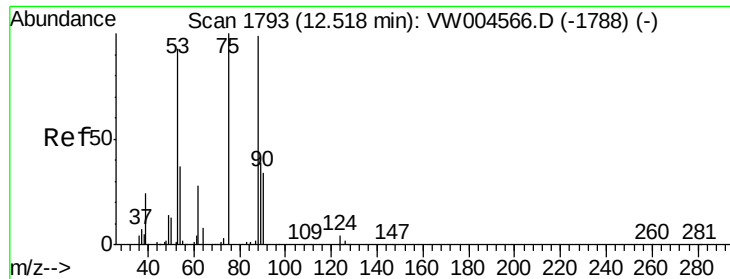
1,2,3-Trichloropropane
Concen: 38.311 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

Tgt Ion: 75 Resp: 149174
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

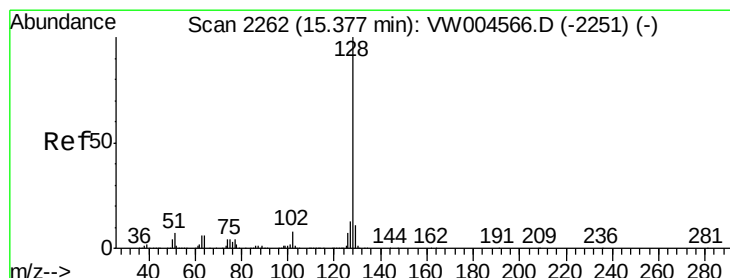
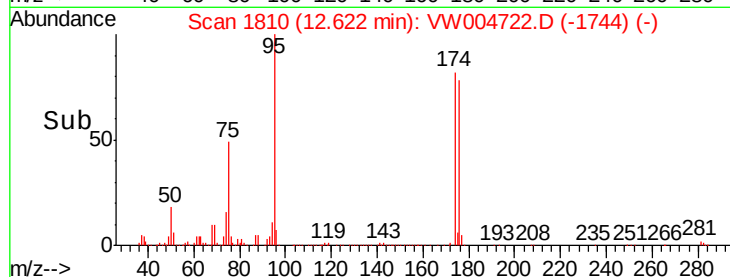
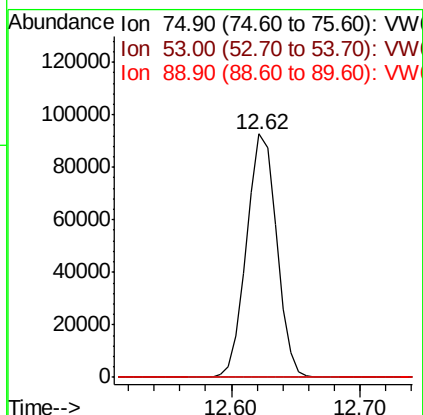
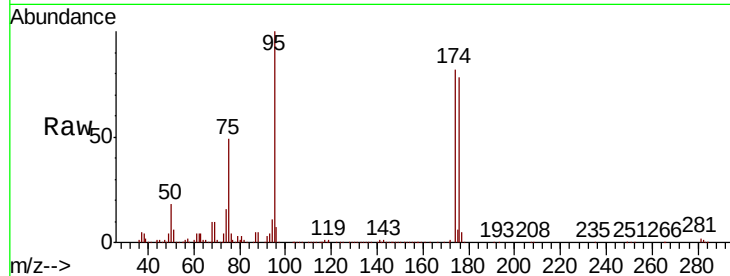




#81
trans-1,4-Dichloro-2-butene
Concen: 91.710 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-101-0-2

Tot Ion: 75 Resp: 149174
Ion Ratio Lower Upper
75 100
53 0.4 74.4 111.6#
89 0.0 35.9 53.9#



#95
Naphthalene
Concen: 3.207 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004722.D
Acq: 16 Aug 2018 03:11

Tgt Ion: 128 Resp: 5221
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 11.1 8.6 13.0

